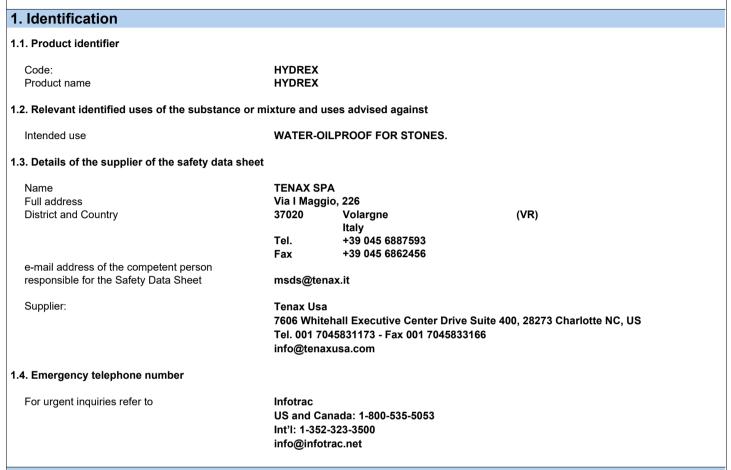




ΕN

Safety Data Sheet

According to U.S.A. Federal Hazcom 2012



2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200). The product thus requires a safety datasheet.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Classification and Hazard Statement Flammable liquid, category 3 Reproductive toxicity, category 1B Aspiration hazard, category 1 Specific target organ toxicity - single exposure, category 3 Hazard pictograms:



Signal words:

Danger

Hazard statements:

H226 H360 H304 H336 Flammable liquid and vapour. May damage fertility or the unborn child. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.

Flammable liquid and vapour. May damage fertility or the unborn child. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.



2. Hazards identification ... / >>

| Precusionary statements: Precusionary statemen | | | | | | | |
|---|--|--|----------------------------|---|--|--|--|
| Prevention: P210 Keep aavay from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P221 Avoid breating dust frame / gas / mist / vapours / spray. P222 Do hot holde unit al set by preculations have been read and understood. P242 Use only non-sparking tools. P243 Weap protective gloves / protective soluting / gr protection / face protection . P244 Do hold / bond container and receiving eugement. P243 Take preculations have been read add understood. P244 Do hold / bond container and receiving eugement. P243 Take preculationary measures against static distances. P244 Do hOT induce voniting. P341 Do hOT induce voniting. P343 Do hOT induce voniting. P344 Do hOT induce voniting. P344 Do hOT induce voniting. P345 P344 P3453 IF ON SIAN (or hair). Take of immediately all containinated clothing. Rine skin with water / shower. P347 P348 Do hOT induce voniting. P349 P349 Di P349 | | tatamanta | | | | | |
| P210 Keep away from heat, hot surfaces, sparks, open fames and other ignition sources. No smoking. P261 Avoid breating dut fune' gas in Nit' vapour's Pary. P262 Do not handle until all safety precautions have been read and understood. P261 Obtain special instructions before use. P260 Wear protective glocity colohing eye protection (face protection). P271 Use only outdoors of in a well-ventilated area. P261 Ground / bond container and receiving eye protection (face protection). P261 Ground / bond container and receiving eyelipment. P363 Take precautionary measures against static discharge. P364 ON SKI (or han'). Take of medical advice / attention. P3647953 IF exposed or concerned. Get medical advice / attention. P36479541 IF exposed or concerned. Get medical advice / attention. P3647953 IF exposed or concerned. Get medical advice / attention. P3647953 IF exposed or concerned. Get medical advice / attention. P3647953 IF exposed or concerned. Get medical advice / attention. P3647953 IF exposed or concerned. Get medical advice / attention. P3647953 IF case of fire. use CO2, sand, povder to extinguish. Storreget Bota is avel-ventilated place. Keep cool. | Dravantian | tatements: | | | | | |
| P261 Avoid breakting dust / tume / gas / mist / vapour / spray. Variable of the special instructions barber been read and understood. P262 Do not handle until a setely precutations have been read and understood. P263 De only autobro to in a well-wentilated area. P264 Obtain special instructions before use. P264 P265 P265 P264<!--</td--><td></td><td>1/</td><td></td><td>the second se</td> | | 1/ | | the second se | | | |
| P202 Do not handle until all adery precautions have been read and understood. P242 Use only outdoors or in a well-ventilated area. P243 Obtain special instructions before use. P244 Use only outdoors or in a well-ventilated area. P243 Take precautionary measures against static discharge. P244 Use only outdoors or in a well-ventilated area. P243 Take precautionary measures against static discharge. P343 Do NOT induce vomtling. P343 Do NOT induce vomtling. P344 Do NOT induce vomtling. P345 Do NOT induce vomtling. P346+P343 If ON SKIN (or hair): Take of thirmediately all contaminated clothing. Rinse skin with water / shower. P347 Do NOT induce vomtling. P348+P343 If SWALLOWED: immediately all a OLSON CENTER / docit / / frou for threathing. P349+P340 If INVALED: remove person to fresh air and keep continortable for breathing. P349+P343 Store locked up. Disposati Store locked up. | | | | | | | |
| P242 Use only non-sparking tools. P263 Wear protective glowes/ protective clohing / exp protection / face protection. P264 Ground / bond container and receiving equipment. P243 Take proceutionary measures against state discharge. P244 Use explosion-proof electrical / ventilating / lighting / / equipment. P353 Do NOT induce venting. P353 Do NOT induce venting. P353 IF oxposed or concerned. Get medical advice / attention. P353 IF oxposed or concerned. Get medical advice / attention. P354 Call a POISON CENTER / doctor / / if you feel urwell. P354733 IF oxposed or on a well-ventilated place. Keep cool. P354723 Store in a well-ventilated place. Keep cool. P354733 Store in a well-ventilated place. Keep cool. P405 Store in a well-ventilated place. Keep cool | | | 5 | o 1 1 j | | | |
| P201 Obtain special instructions before use. P280 Wear protective gives protective of thing / we protection / face protection. P271 Use only outdoors or in a well-ventilated area. P243 Take proceutionary measures against static discharge. P243 Take proceutionary measures against static discharge. P371 Do NOT induce vonting. P333 Do NOT induce vonting. P334 Do NOT induce vonting. P335+731 If exposed or concounted. Get mediately all contaminated dotting. Rnse skin with water / shower. P334+733 If Exposed or concounted. Get mediately all contaminated dotting. Rnse skin with water / shower. P334+733 If exposed or concounted. Get mediately all contaminated dotting. Rnse skin with water / shower. P334+733 If exposed or concounted. Get mediately all contaminated dotting. Rnse skin with water / shower. P334+733 If exposed or concounted for the sking. P340+733 Store in a well-wentilated place. Keep continctilate or breathing. P403+723 Store in a well-wentilated place. Keep continner tightly closed. P403+723 Store in a well-wentilated place. Keep container tightly closed. P404 Store in well-wentilated place. Keep container tightly closed. < | | | | | | | |
| P280 Wear protective glowes/ protective glowes/ protection / face protection. P271 Use only outdoors in a well-wentiliated area. P240 Ground / bond container and receiving equipment. P233 Take procautionary measures against static discharge. P334 Do NOT induce vamiling. P3347931+P333 IF ON SIN (or humb): Take off immediately all contaminated clothing. Rinse skin with water / shower. P336+P331 IF exposed or concerned: Get medical advice / attention. P336+P331 P334723 IF oN SIN (or humb): Take off immediately all contaminated clothing. Rinse skin with water / shower. P336+P331 IF exposed or concerned: Get medical advice / attention. P336+P330 IF oN SIN (or humb): mediately all ontaminated clothing. Rinse skin with water / shower. P336+P331 IF exposed or concernet: Get medical advice / attention. P336+P333 If no case Of fire: use CO2, sand, powder to extinguish. Storage: P336 P336 Store in a well-wentilated place. Keep container tightly closed. P436 Store in a well-wentilated place. Keep container tightly closed. P336 Store in a well-wentilated place. Response Contains: Itage faston fire: use container accordi | | | | | | | |
| P271 Use only outdoors or in a well-ventiliated area. P240 Ground / bodi container and receiving equipment. P241 Use explosion-proof electrical / ventilating / lighting / / equipment. P331 Do NOT Induce vonting. P331 Do NOT Induce vonting. P331+P310 IF ON SKIN (or hair) Take off immediately all contaminated clothing. Rinse skin with water / shower. P331+P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor / // fry outfer lowel. P331+P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor / // fry outfer lowel. P330+P317 IF capsed or concerned: Get medical advice / atenuto // fry outfer lowel. P330+P318 IF exposed or concerned: Get medical advice / atenuto // fry outfer urwell. P330+P3193 IF exposed or concerned: Get medical advice / atenuto // fry outfer urwell. P3403+P340 IF INHALED: remove person to fresh air and keep comfortable for breathing. P3403+P235 Store in a well-ventilated place. Keep container tightly closed. P403+P233 Store locked up. Disposati E P501 Dispose of contents / container according to applicable law. 2. Other hazards Reperted exposure may cause skin dryness or cracking. Composition /information on ingredie | | | | | | | |
| P240 Ground / bond container and receiving equipment. P243 Use explosion-proof electrical / ventilating / lighting / / equipment. Response: Do NOT induce vomiting. P333 # Do NOT induce vomiting. P334 #3733 P334 #3733 IF exposed or concerned: Get medical advice / attention. P334 #3733 IF exposed or concerned: Get medical advice / attention. P334 #3733 IF exposed or concerned: Get medical advice / attention. P334 #3733 IF exposed or concerned: Get medical advice / attention. P334 #3733 IF exposed or concerned: Get medical advice / attention. P334 #3733 In case of fire: use CO2, sand, powder to extinguish. Storage: Store in a well-ventilated place. Keep conl. P403 #3233 Store in a well-ventilated place. Keep conlainer lightly closed. P403 *323 Store in a well-ventilated place. Keep conlainer lightly closed. P403 *323 Store in a well-ventilated place. Keep container lightly closed. P403 *323 Store in a well-ventilated place. | | Wea | ar protective gloves/ pro | tective clothing / eye protection / face protection. | | | |
| P241 Take preautionary measures against static discharge. P241 Use explosion-proof electrical / vanitating / lighting / / equipment. Response: Do NOT induce voniting. P331 Foxposed roconcend: Gat mained clothing. Rinse skin with water / shower. P331+P310 IF ON SKIN (or hair). Take off immediately all contaminated clothing. Rinse skin with water / shower. P331+P310 IF SWALLOWED: immediately call a POISON CENTER / doctor / // foy off unvel. P331+P310 IF SWALLOWED: immediately call a POISON CENTER / doctor / // foy off unvel. P330+P317 In case of fire: use CO2, sand, powder to extinguish. Storage: | P271 | | | | | | |
| P241 Use explosion-proof electrical / ventilating / lighting / equipment. Response P331 Do NOT induce vomiling. P331 Do NOT induce vomiling. P331 P331 If exposed or concerned: Get medical advice / attention. P331 P331+P333 If exposed or concerned: Get medical advice / attention. P331 P331+P330 If exposed or concerned: Get medical advice / attention. P331 P331+P331 If exposed or concerned: Get medical advice / attention. P331 P331+P333 Is case of fire: use C02, sand, powder to extinguish. Storage: P331+P33 Store in a well-ventilated place. Keep cool. P403+P233 Store in a well-ventilated place. Keep cool. P403+P235 Store in a well-ventilated place. Keep cool. P403+P233 Store in a well-ventilated place. Keep cool. P331 P333 P330 or in a well-ventilated place. Keep cool. P403+P235 Dispose of contents / container according to applicable law. Disposed Container Composition/information on ingredients Store in a well-ventilated place. Keep cool. P331 Store in a well-ventilated place. Keep cool. VDTV ACCARBONS, C3-C11, N-ALKANS, ISOALKANS, CYCLICS, < | P240 | Gro | und / bond container an | d receiving equipment. | | | |
| Response: Do NOT induce vomiting. P331 Do NOT induce vomiting. P334+P314 IF ON SKIN (or hair): Take of immediately all contaminated clothing. Rinse skin with water / shower. P334+P313 IF Exposed or concerned: Get itention. P334+P314 IF SWALLOWED: immediately all contaminated clothing. Rinse skin with water / shower. P334+P314 IF SWALLOWED: immediately call a POISON CENTER / doctor / / P312 Call a POISON CENTER / doctor / // showed en well. P334+P340 IF INHALED: remove person to fresh air and keep comfortable for breathing. P334+P343 IF INHALED: remove person to fresh air and keep continuer tightly closed. P403+P235 Store in a well-ventilated place. Keep cont. P403+P235 Store in a well-ventilated place. Keep cont. P306 Store tocked up. Disposal P304 P304 Dispose of contents / container according to applicable law. 2. Other hazards Repeated exposure may cause skin dyness or cracking. Contains: Identification Identification x = Conc. % Classification: HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS | P243 | | | | | | |
| P331 Do NOT induce vomiting. P334P313 IF exposed or concerned: Get medical advice / attention. P334P313 IF exposed or concerned: Get medical advice / attention. P334P313 IF exposed or concerned: Get medical advice / attention. P334P313 IF exposed or concerned: Get medical advice / attention. P334P313 IF exposed or concerned: Get medical advice / attention. P334P314 Gal a POISON CENTER / doctor / / fy you feel unvell. P334P315 In case of fire: use CO2, sand, powder to extinguish. Storage: P403+P235 Store in a well-vertilated place. Keep cont. P403+P235 Store in a well-vertilated place. Keep cont. P403 P325 Store in a well-vertilated place. Keep container tightly closed. P405 Store locked up. Disposati P501 P501 Dispose of contents / container according to applicable law. Contains: Contains: Contains: Vistures Contains: Vistures Contains: Con Stis <tr< td=""><td>P241</td><td>Use</td><td>explosion-proof electric</td><td>cal / ventilating / lighting / / equipment.</td></tr<> | P241 | Use | explosion-proof electric | cal / ventilating / lighting / / equipment. | | | |
| P331 Do NOT induce vomiting. P334 P333 IF ON SKIK Or hark): Take of immediately all contaminated clothing. Rinse skin with water / shower. P334 P313 IF exposed or concerned: Get medical advice / attention. P314 P310 IF SWALLOWED: immediately call a POISON CENTER / doctor / / if you feel unwell. P314 P313 IF SWALLOWED: immediately call a POISON CENTER / doctor / / if you feel unwell. P314 P313 IF SWALLOWED: immediately call a POISON CENTER / doctor / | Response: | | | | | | |
| P393+P361+P353 IF ON SKIN (or hair): Take of immediately all contaminated clothing. Rines skin with water / shower. P394+P31 IF ON SKIN (or hair): Take of immediately all extension. P394+P31 IF SWALLOWED: immediately call extension. P312 Call a POISON CENTER / doctor / / if you feal unwell. P334+P34 IF INHALED: remove person to fresh air and keep comfortable for breathing. P370+P375 In case of fire: use CO2, sand, powder to extinguish. Storagic P403+P235 P403+P235 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in a well-ventilated place. Keep container tightly closed. P403+P235 Store in cocked up. Disposal Expested exposure may cause skin dyness or cracking. Additional hazards Repeated exposure may cause skin dyness or cracking. Contains: It = Conc. % Classification: HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS | • | Do | NOT induce vomiting. | | | | |
| P304+P313 IF exposed or concerned: Get medical advice / attention. P301+P310 IF exposed or concerned: Get medical advice / attention. P312 Call a POISON CENTER / doctor / / if you feel unwell. P304+P313 In case of fire: use CO2, sand, powder to extinguish. Storage: In case of fire: use CO2, sand, powder to extinguish. Storage: Store in a well-ventilated place. Keep container tightly closed. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store for a well-ventilated place. Keep container tightly closed. P405 Dispose of contents / container according to applicable law. 2. Other hazards Repeated exposure may cause skin dryness or cracking. Composition/information on ingredients z = Conc. % Classification: HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS | | | 5 | off immediately all contaminated clothing. Rinse skin with water / shower. | | | |
| P311 UF SWALLOWED: Immediately call a POISON CENTER / doctor / / You feel unwell. P334+P340 UF INHALED: remove person to fresh air and keep comfortable for breathing. P370+P373 In case of fire: use CO2, sand, powder to extinguish. Storage: P403+P233 Store in a well-ventilated place. Keep cool. P403+P233 Store in a well-ventilated place. Keep cool. P403 Store in a well-ventilated place. Keep cool. P405 Store in o well-ventilated place. P405 Disposat Z Additional hazard: Repeated exposure may cause skin dryness or cracking. Classification: Hythortocard Kastore x = Conc. % Class | | | | | | | |
| P312 Call a POISON CENTER / doctor / / if you feel unwell. P304+P30 IF INNALED: remove person to fresh ar and ik keep comfortable for breathing. P303+P373 In case of fire: use CO2, sand, powder to extinguish. Storage: | | | • | | | | |
| P304-P30IF INHALED: remove person to fresh air and keep comfortable for breathing. P370-P378In case of fire: use CO2, sand, powder to extinguish.Store in a well-ventilated place. Keep cool. P403+P233Store in a well-ventilated place. Keep container tightly closed. P403+P235P301Dispose of contents / container according to applicable law.2. Other hazards Repeated exposure may cause skin dryness or cracking.Composition/information on ingredientsContains: Identificationx = Conc. %Classification:HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS 82 ≤ x < 84Filammable liquid, category 3 H226, Aspiration hazard, category 1 H304, Specific target organ toxicity - single exposure, category 3 H336EC90-668-1 CAS | | | | | | | |
| P370+P378 In case of fire: use CÓ2, sand, powder to extinguish. Storage: P403+P235 Store in a well-ventilated place. Keep cool, P403 +P235 Store in a well-ventilated place. Keep container tightly closed. P405 Store to ckeet up. Disposal: P501 P501 Dispose of contents / container according to applicable law. 2. Other hazards Repeated exposure may cause skin dryness or cracking. Composition/information on ingredients 2. Mixtures Contains: Identification x = Conc. % Classification: HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS 82 ≤ x < 84 | | | | | | | |
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| P405 Store locked up. Disposal: P501 Dispose of contents / container according to applicable law. 2. Other hazards Repeated exposure may cause skin dryness or cracking. East of the transmetry of transmetry o | | | | | | | |
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| iP501Dispose of contents / container according to applicable law.2. Other hazards Repeated exposure may cause skin dyness or cracking.Composition/information on ingredientsComposition/information on ingredientsComposition/information on ingredientsComposition/information on ingredientsContains:Contains:Identificationx = Conc. %Classification:Hypercolspan="2">POP 19-857-5 CAS 64742-48-0 607-025-00-1REACH Reg 01-211948258-33NBUTY ACETATE INDEXREACH REG 01-211948258-33Reproductive toxicity - single exposure, category 3 H326, Specific target organ toxicity - single | | Stor | re locked up. | | | | |
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| Repeated exposure may cause skin dryness or cracking. Composition/information on ingredients A Mixtures Contains: Identification x = Conc. % Classification: HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS | .2. Other hazard | S | | | | | |
| Repeated exposure may cause skin dryness or cracking. Composition/information on ingredients A Mixtures Contains: Identification x = Conc. % Classification: HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS B2 ≤ x < 84 Flammable liquid, category 3 H226, Aspiration hazard, category 1 H304, Specific target organ toxicity - single exposure, category 3 H336 CO PIOCTYLIPHOLAURATE INDEX 050-025-00-1 8.5 ≤ x < 9.5 Flammable liquid, category 3 H226, Specific target organ toxicity - single exposure, category 3 H336 EC 204-658-1 CAS 123-66-4 Reproductive toxicity, category 1 B H360, Specific target organ toxicity - single exposure, category 1 H372 C DIOCTYLTIN DILAURATE INDEX 050-031-00-9 0.1 ≤ x < 0.4 Reproductive toxicity, category 1 B H360, Specific target organ toxicity - repeated exposure, category 1 H372 C C C DIOCTYLTIN DILAURATE INDEX 050-031-00-9 0.1 ≤ x < 0.4 Reproductive toxicity, category 1 B H360, Specific target organ | | | | | | | |
| Composition/information on ingredients2. MixturesContains:Identificationx = Conc. %Classification:HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS 82 $\leq x < 84$ Flammable liquid, category 3 H226, Aspiration hazard, category 1 H304, Specific target organ toxicity - single exposure, category 3 H336EC919-857-5CAS 64742-48-9 REACH Reg. 01-2119463258-33 N-BUTYL ACETATE INDEXNOETINDEX CO32-00-18.5 $\leq x < 9.5$ Flammable liquid, category 3 H226, Specific target organ toxicity - single exposure, category 3 H336EC CAS 204-658-1 CAS 123-86-4 REACH Reg. 01-2119485493-29 DIOCTYLTIN DILAURATE INDEX NDEX CSO-031-00-9 0.1 $\leq x < 0.4$ Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372* There is a batch to batch variation.The full wording of hazard (H) phrases is given in section 16 of the sheet. | Additional haza | rds | | | | | |
| 2. Mixtures Contains: Identification x = Conc. % Classification: HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS 82 ≤ x < 84 | Repeated ex | cposure may cause s | skin dryness or cracking | | | | |
| HYDROCARBUSS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS 82 ≤ x < 84 Flammable liquid, category 3 H226, Aspiration hazard, category 1 H304, Specific target organ toxicity - single exposure, category 3 H336 EC 919-857-5 CAS 64742-48-9 REACH Reg. I-2119463258-33 I-2119463258-33 NBUTYL ACETTE NDEX 607-025-00-1 8.5 ≤ x < 9.5 Flammable liquid, category 3 H226, Specific target organ toxicity - single exposure, category 3 H336 EC 204-658-1 CAS 123-86-4 REACH Reg. I-2119485493-29 IOCTYLTIN DLAURATE INDEX Flammable liquid, category 3 H336 EC 204-658-1 CAS 123-86-4 REACH Reg. Reproductive toxicity, category 1B H360, Specific target organ toxicity - single exposure, category 1 H372 EC 222-883-3 CAS 3648-18-8 REACH Reg. Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372 * * There is a batk to batk variation. The full wording of hazard (H) phrases is given in section 16 of the sheet. | Contains: | | | | | | |
| 82 ≤ x < 84 | Identification | | x = Conc. % | Classification: | | | |
| CAS $64742-48-9$ REACH Reg. $61742-48-9$ $01-2119463258-33$ N-BUTYL ACETATE INDEX $607-025-00-1$ $8.5 \le x < 9.5$ Flammable liquid, category 3 H226, Specific target organ toxicity - single exposure, category 3 H336EC $204-658-1$ CAS $123-86-4$ REACH Reg. $1-2119485493-29$ DIOCTYLTIN DILAURATE INDEX $050-031-00-9$ $0.1 \le x < 0.4$ Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372EC $222-883-3$ CAS $3648-18-8$ REACH Reg. $01-2119979527-19$ $1 \le x < 0.4$ * There is a batch to batch variation.The full wording of hazard (H) phrases is given in section 16 of the sheet. | HYDROCARBO |)NS, C9-C11, N-ALI | | Flammable liquid, category 3 H226, Aspiration hazard, category 1 H304, | | | |
| CAS $64742-48-9$ REACH Reg. $61742-48-9$ $01-2119463258-33$ N-BUTYL ACETATE INDEX $607-025-00-1$ $8.5 \le x < 9.5$ Flammable liquid, category 3 H226, Specific target organ toxicity - single exposure, category 3 H336EC $204-658-1$ CAS $123-86-4$ REACH Reg. $1-2119485493-29$ DIOCTYLTIN DILAURATE INDEX $050-031-00-9$ $0.1 \le x < 0.4$ Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372EC $222-883-3$ CAS $3648-18-8$ REACH Reg. $01-2119979527-19$ $1 \le x < 0.4$ * There is a batch to batch variation.The full wording of hazard (H) phrases is given in section 16 of the sheet. | EC | 919-857-5 | | · · · · · | | | |
| REACH Reg.01-2119463258-33 N-BUTYL ACETATE INDEX $607-025-00-1$ $8.5 \le x < 9.5$ Flammable liquid, category 3 H226, Specific target organ toxicity - single exposure, category 3 H336EC $204-658-1$ $123-86-4$ Reposure, category 3 H336CAS $123-86-4$ Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 B H360, Specific target organ toxicity - repeated exposure, category 1 H372DIOCTYLTIN DILAURATE INDEX $0.1 \le x < 0.4$ Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372EC $222-883-3$ CAS $3648-18-8$ REACH Reg. $01-2119979527-19$ * There is a bath to batch variation.There is a bath to batch variation.The full wording of hazard (H) phrases is given in section 16 of the sheet. | | 64742-48-9 | | | | | |
| N-BUTYL ACETATE $INDEX$ $607-025-00-1$ $8.5 \le x < 9.5$ Flammable liquid, category 3 H226, Specific target organ toxicity - single exposure, category 3 H336 EC $204-658-1$ $x < 123-86-4$ $x < 123-86-4$ CAS $123-86-4$ $x < 0.1 \le x < 0.4$ Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372 $DIOCTYLTIN DILAURATE$ $INDEX$ $050-031-00-9$ $0.1 \le x < 0.4$ Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372 EC $222-883-3$ $x < 0.4$ Reproductive toxicity, category 1 H372 EC $222-883-3$ $x < 0.4$ Reproductive toxicity, category 1 H372 EC $222-883-3$ $x < 0.4$ Reproductive toxicity, category 1 H372 EC $222-883-3$ $x < 0.4$ $x < 0.4$ $REACH Reg.$ $01-2119979527-19$ $x < 0.4$ * There is a batch variation.There is a batch variation.The full wording of hazard (H) phrases is given in section 16 of the sheet. | | | | | | | |
| INDEX607-025-00-18.5 ≤ x < 9.5Flammable liquid, category 3 H226, Specific target organ toxicity - single exposure, category 3 H336EC204-658-1 | • | | | | | | |
| EC $204-658-1$ CAS $123-86-4$ REACH Reg. $01-2119485493-29$ DIOCTYLTIN DILAURATE INDEX $050-031-00-9$ $0.1 \le x < 0.4$ Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372EC $222-883-3$ CAS $3648-18-8$ REACH Reg. $01-2119979527-19$ * There is a batch to batch variation.The full wording of hazard (H) phrases is given in section 16 of the sheet. | - | | 8.5 ≤ x < 9.5 | Flammable liquid, category 3 H226, Specific target organ toxicity - single | | | |
| CAS123-86-4REACH Reg.01-2119485493-29DIOCTYLTIN DILAURATEReproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372INDEX050-031-00-90.1 ≤ x < 0.4 | INDEX | 007-023-00-7 | | | | | |
| CAS123-86-4REACH Reg.01-2119485493-29DIOCTYLTIN DILAURATEReproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372INDEX050-031-00-90.1 ≤ x < 0.4 | INDEX | 007-020-00-7 | | exposure, category 3 H336 | | | |
| REACH Reg. 01-2119485493-29 DIOCTYLTIN DILAURATE Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372 INDEX 050-031-00-9 0.1 ≤ x < 0.4 Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372 EC 222-883-3 Reproductive toxicity, category 1 H372 CAS 3648-18-8 REACH Reg. 01-2119979527-19 * There is a batch to batch variation. The full wording of hazard (H) phrases is given in section 16 of the sheet. | | | | exposure, category 3 H336 | | | |
| DIOCTYLTIN DILAURATE Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372 EC 222-883-3 CAS 3648-18-8 REACH Reg. 01-2119979527-19 * There is a batch to batch variation. The full wording of hazard (H) phrases is given in section 16 of the sheet. | EC | 204-658-1 | | exposure, category 3 H336 | | | |
| INDEX 050-031-00-9 0.1 ≤ x < 0.4 | EC CAS | 204-658-1 123-86-4 | | exposure, category 3 H336 | | | |
| repeated exposure, category 1 H372 EC 222-883-3 CAS 3648-18-8 REACH Reg. 01-2119979527-19 * There is a batch to batch variation. The full wording of hazard (H) phrases is given in section 16 of the sheet. | EC CAS REACH Reg. | 204-658-1 123-86-4 01-2119485493-29 | | exposure, category 3 H336 | | | |
| EC 222-883-3 CAS 3648-18-8 REACH Reg. 01-2119979527-19 * There is a batch to batch variation. The full wording of hazard (H) phrases is given in section 16 of the sheet. | EC CAS REACH Reg. DIOCTYLTIN D | 204-658-1 123-86-4 01-2119485493-29 ILAURATE | 0.1 ≤ x < 0.4 | | | | |
| CAS3648-18-8REACH Reg.01-2119979527-19* There is a batch to batch variation.The full wording of hazard (H) phrases is given in section 16 of the sheet. | EC CAS REACH Reg. DIOCTYLTIN D | 204-658-1 123-86-4 01-2119485493-29 ILAURATE | 0.1 ≤ x < 0.4 | Reproductive toxicity, category 1B H360, Specific target organ toxicity - | | | |
| REACH Reg. 01-2119979527-19 * There is a batch to batch variation. The full wording of hazard (H) phrases is given in section 16 of the sheet. | EC CAS REACH Reg. DIOCTYLTIN D INDEX | 204-658-1 123-86-4 01-2119485493-29 ILAURATE 050-031-00-9 | 0.1 ≤ x < 0.4 | Reproductive toxicity, category 1B H360, Specific target organ toxicity - | | | |
| * There is a batch to batch variation. The full wording of hazard (H) phrases is given in section 16 of the sheet. | EC CAS REACH Reg. DIOCTYLTIN D INDEX EC | 204-658-1 123-86-4 01-2119485493-29 ILAURATE 050-031-00-9 222-883-3 | 0.1 ≤ x < 0.4 | Reproductive toxicity, category 1B H360, Specific target organ toxicity - | | | |
| The full wording of hazard (H) phrases is given in section 16 of the sheet. | EC CAS REACH Reg. DIOCTYLTIN D INDEX EC CAS | 204-658-1 123-86-4 01-2119485493-29 ILAURATE 050-031-00-9 222-883-3 3648-18-8 | 0.1 ≤ x < 0.4 | Reproductive toxicity, category 1B H360, Specific target organ toxicity - | | | |
| | EC CAS REACH Reg. DIOCTYLTIN D INDEX EC CAS | 204-658-1 123-86-4 01-2119485493-29 ILAURATE 050-031-00-9 222-883-3 3648-18-8 | 0.1 ≤ x < 0.4 | Reproductive toxicity, category 1B H360, Specific target organ toxicity - | | | |
| * METHANOL: present as an impurity | EC CAS REACH Reg. DIOCTYLTIN D INDEX EC CAS REACH Reg. | 204-658-1 123-86-4 01-2119485493-29 ILAURATE 050-031-00-9 222-883-3 3648-18-8 01-2119979527-19 | | Reproductive toxicity, category 1B H360, Specific target organ toxicity - | | | |
| | EC CAS REACH Reg. DIOCTYLTIN D INDEX EC CAS REACH Reg. * There is a bate | 204-658-1 123-86-4 01-2119485493-29 ILAURATE 050-031-00-9 222-883-3 3648-18-8 01-2119979527-19 ch to batch variation. | | Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372 | | | |
| | EC CAS REACH Reg. DIOCTYLTIN D INDEX EC CAS REACH Reg. * There is a bate The full wording | 204-658-1 123-86-4 01-2119485493-29 ILAURATE 050-031-00-9 222-883-3 3648-18-8 01-2119979527-19 ch to batch variation. | ses is given in section 16 | Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372 | | | |
| | EC CAS REACH Reg. DIOCTYLTIN D INDEX EC CAS REACH Reg. * There is a bate The full wording | 204-658-1 123-86-4 01-2119485493-29 ILAURATE 050-031-00-9 222-883-3 3648-18-8 01-2119979527-19 ch to batch variation. | ses is given in section 16 | Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372 | | | |
| | EC CAS REACH Reg. DIOCTYLTIN D INDEX EC CAS REACH Reg. * There is a bate The full wording | 204-658-1 123-86-4 01-2119485493-29 ILAURATE 050-031-00-9 222-883-3 3648-18-8 01-2119979527-19 ch to batch variation. | ses is given in section 16 | Reproductive toxicity, category 1B H360, Specific target organ toxicity - repeated exposure, category 1 H372 | | | |





4. First-aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately. INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

4.3. Indication of any immediate medical attention and special treatment needed

Information not available

5. Fire-fighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations. SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.



6. Accidental release measures ... / >>

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

7. Handling and storage

7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

| USA | NIOSH-REL | NIOSH publication No. 2005-149, 3th printing, 2007. |
|-----|--------------|--|
| USA | OSHA-PEL | Occupational Exposure Limits - Limits for Air Contaminants TABLE Z-1-1910.1000. |
| USA | CAL/OSHA-PEL | California Division of Occupational Safety and Health (Cal-OSHA) Permissible Exposure Limits (PELs). |
| EU | OEL EU | Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC. |
| | TLV-ACGIH | ACGIH 2022 |
| | ΗΥΠΡΟΓΛΡ | |

| | HYU | ROCARBOI | NS, C9-C11, N | -ALKANS, | ISUALKANS, C | YCLICS, <2% AROMATICS | |
|-------------------|---------|----------|---------------|----------|--------------|------------------------|--|
| Threshold Limit V | /alue | | | | | | |
| Туре | Country | TWA/8h | | STEL/15 | imin | Remarks / Observations | |
| | | mg/m3 | ppm | mg/m3 | ppm | | |
| TLV-ACGIH | - | 1200 | 197 | | | | |

| | | | | N-BUTY | L ACETATE | |
|-----------------|---------|--------|-----|---------|-----------|------------------------|
| Threshold Limit | Value | | | | | |
| Туре | Country | TWA/8h | | STEL/15 | min | Remarks / Observations |
| | | mg/m3 | ppm | mg/m3 | ppm | |
| OEL | EU | 241 | 50 | 723 | 150 | |
| TLV-ACGIH | - | | 50 | | 150 | |
| OSHA | USA | 710 | 150 | | | |
| CAL/OSHA | USA | 710 | 150 | 950 | 200 | |
| NIOSH | USA | 710 | 150 | 950 | 200 | |
| | | | | | | |

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must comply with current regulations. HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (OSHA 29 CFR 1910.138): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION



8. Exposure controls/personal protection ... / >>

Wear category I professional long-sleeved overalls and safety footwear. Wash body with soap and water after removing protective clothing. EYE PROTECTION

Wear airtight protective goggles (OSHA 29 CFR 1910.133).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a NIOSH certified filter, whose class must be chosen according to the limit of use concentration (NIOSH 42 CFR 84, OSHA 29 CFR 1910.134). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus or external air-intake breathing apparatus. For a correct choice of respiratory protection device, see standard NIOSH 42 CFR 84, OSHA 29 CFR 1910.134.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

HAND PROTECTION: Protect hands with work gloves for protection from chemical agents in nitrile or fluoroelastomer (EN 374-1: 2016) at least type B or higher based on the risk assessment carried out by the company. Breakthrough time> 480 minutes. Material thickness:

NITRILE short contact> 0.38 mm prolonged contact> 0.55 mm FLUOROELASTOMER short contact> 0.50 mm prolonged contact> 1.50 mm

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| ., | • | • | |
|--|---|--|---|
| Properties Appearance Colour Odour Odour threshold | | Value liquid colourless aromatic not determined | Information |
| pH | | not available | Reason for missing data:substance/mixture is non-polar/aprotic (eg: an organic solvent mixture) |
| Melting point / freezing point Initial boiling point Boiling range Flash point Evaporation rate Flammability Lower inflammability limit Upper inflammability limit Lower explosive limit Upper explosive limit Vapour pressure Vapour density Relative density Solubility Partition coefficient: n-octanol/water Auto-ignition temperature Decomposition temperature Viscosity Explosive properties Oxidising properties 9.2. Other information | ~ | -20 °C 124 °C (255,2 °F) 124-200°C 27 °C (80,6 °F) not determined not available not determined not available not available not available not available not determined 0.8 g/cm3 insoluble in water not determined 200 °C not determined not available not available not available not determined 200 °C | |
| VOC : | | 92,31 % - 738,46 g/litre | |



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10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

N-BUTYL ACETATE

Decomposes on contact with: water. 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

N-BUTYL ACETATE

Risk of explosion on contact with: strong oxidising agents.May react dangerously with: alkaline hydroxides,potassium tert-butoxide.Forms explosive mixtures with: air.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

N-BUTYL ACETATE

Avoid exposure to: moisture, sources of heat, naked flames.

10.5. Incompatible materials

N-BUTYL ACETATE

Incompatible with: water, nitrates, strong oxidants, acids, alkalis, zinc.

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

 HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS</td>

 LD50 (Oral):
 > 5000 mg/kg rat

 LD50 (Dermal):
 > 5000 mg/kg rabbit

 LC50 (Inhalation vapours):
 > 4951 mg/l/4h rat



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11. Toxicological information ... / >>

N-BUTYL ACETATE LD50 (Oral): LD50 (Dermal): LC50 (Inhalation vapours):

DIOCTYLTIN DILAURATE LD50 (Oral): LD50 (Dermal): > 5000 mg/kg Rabbit 21.1 mg/l/4h Rat

> 6400 mg/kg Rat

2000 mg/kg ratto 2000 mg/kg ratto

SKIN CORROSION / IRRITATION

Repeated exposure may cause skin dryness or cracking.

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

May damage fertility or the unborn child

STOT - SINGLE EXPOSURE

May cause drowsiness or dizziness

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Toxic for aspiration

12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

| N-BUTYL ACETATE | |
|-----------------------------------|---------------------------------|
| LC50 - for Fish | 18 mg/l/96h pimephales promelas |
| EC50 - for Crustacea | > 44 mg/l/48h daphnia |
| EC50 - for Algae / Aquatic Plants | 675 mg/l/72h |
| Chronic NOEC for Crustacea | 23 mg/l 21d |
| | |

12.2. Persistence and degradability



12. Ecological information ... / >>

| Solubility in water Rapidly degradable | 1000 - 10000 mg/l | |
|---|--|--|
| 12.3. Bioaccumulative potential | | |
| | | |
| N-BUTYL ACETATE | | |
| Partition coefficient: n-octanol/water | 2.3 | |
| BCF | 15.3 | |
| 12.4. Mobility in soil | | |
| | | |
| N-BUTYL ACETATE | | |
| Partition coefficient: soil/water | < 3 | |
| 12.5. Results of PBT and vPvB assessment | | |
| | | |
| On the basis of available data, the product does not con | tain any PBT or VPVB in percentage ≥ than 0,1%. | |
| 12.6. Other adverse effects | | |
| Information not available | | |
| 13. Disposal considerations | | |
| 13.1. Waste treatment methods | | |
| Reuse, when possible. Neat product residues should be Disposal must be performed through an authorised wast | considered special non-hazardous waste. e management firm, in compliance with national and local regulations. | |
| CONTAMINATED PACKAGING | | |
| Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations. 14. Transport information | | |
| 14.1. UN number | | |
| | | |

ADR / RID, IMDG, IATA: 1993

14.2. UN proper shipping name

| ADR / RID: | FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS; N-BUTYL ACETATE) |
|------------|--|
| IMDG: | FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS; N-BUTYL ACETATE) |
| IATA: | FLAMMABLE LIQUID, N.O.S. (HYDROCARBONS, C9-C11, N-ALKANS, ISOALKANS, CYCLICS, <2% AROMATICS; N-BUTYL ACETATE) |



14. Transport information ... / >>

14.3. Transport hazard class(es)

| · · · · · | | | |
|------------|----------|----------|--|
| ADR / RID: | Class: 3 | Label: 3 | |
| IMDG: | Class: 3 | Label: 3 | |
| IATA: | Class: 3 | Label: 3 | |



14.4. Packing group

ADR / RID, IMDG, IATA: III

14.5. Environmental hazards

| ADR / RID: | NO |
|------------|----|
| IMDG: | NO |
| IATA: | NO |

14.6. Special precautions for user

ADR / RID:

IMDG: IATA: HIN - Kemler: 30 Special provision: 274, 601 EMS: F-E, <u>S-E</u> Cargo: Passengers: Special provision: Limited Quantities: 5 L

Limited Quantities: 5 L Maximum quantity: 220 L Maximum quantity: 60 L A3 Tunnel restriction code: (D/E)

Packaging instructions: 366 Packaging instructions: 355

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Information not relevant

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

U.S. Federal Regulations

TSCA:

All components of this product are listed on US Toxic Substances Control Act (TSCA) Inventory or are exempt from the listing / notification requirements.

Clean Air Act Section 112(b): No component(s) listed.

Clean Air Act Section 602 Class I Substances: No component(s) listed.

Clean Air Act Section 602 Class II Substances: No component(s) listed.

Clean Water Act – Priority Pollutants: No component(s) listed.

Clean Water Act – Toxic Pollutants: No component(s) listed.

DEA List I Chemicals (Precursor Chemicals): No component(s) listed.





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15. Regulatory information ... / >>

DEA List II Chemicals (Essential Chemicals): No component(s) listed.

N-BUTYL ACETATE

EPA List of Lists: 313 Category Code: No component(s) listed.

EPCRA 302 EHS TPQ: No component(s) listed.

EPCRA 304 EHS RQ: No component(s) listed.

CERCLA RQ: 123-86-4

EPCRA 313 TRI: No component(s) listed.

RCRA Code: No component(s) listed.

CAA 112 (r) RMP TQ: No component(s) listed.

State Regulations

Massachussetts: 123-86-4 N-BUTYL ACETATE

Minnesota: 123-86-4 N-BUTYL ACETATE

New Jersey: 123-86-4 N-BUTYL ACETATE

New York: 123-86-4 N-BUTYL ACETATE

Pennsylvania: 123-86-4 N-BUTYL ACETATE

California: 123-86-4

N-BUTYL ACETATE

Proposition 65:

This product does not contain any substances know to the State of California to cause cancer, reproductive harm or birth defects.

International Regulations Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012: DIOCTYLTIN DILAURATE - (DIOCTYLTIN COMPOUNDS)

Substances subject to the Rotterdam Convention: None

Substances subject to the Stockholm Convention:

None

16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

| H226 | Flammable liquid and vapour. |
|------|---|
| H360 | May damage fertility or the unborn child. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H304 | May be fatal if swallowed and enters airways. |
| H336 | May cause drowsiness or dizziness. |

LEGEND:

- 313 CATEGORY CODE: Emergency Planning and Community Right-to Know Act Section 313 Category Code



TENAX SPA

16. Other information ... / >>

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAA 112 ® RMP TQ: Risk Management Plan Threshold Quantity (Clean Air Act Section 112®)
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CERCLA RQ: Reportable Quantity (Comprehensive Environment Response, Compensation, and Liability Act)
- CLP: Regulation (EC) 1272/2008
- DEA: Drug Enforcement Administration
- EmS: Emergency Schedule
- EPA: US Environmental Protection Agency
- EPCRA: Emergency Planning and Community Right-to Know Act
- EPCRA 302 EHS TPQ: Extremely Hazardous Substance Threshold Planning Quantity (Section 302 Category Code)
- EPCRA 304 EHS RQ: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code)
- EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code)
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PEL: Predicted exposure level
- RCRA Code: Resource Conservation and Recovery Act Code
- REACH: Regulation (EC) 1907/2006
- REL: Recommended exposure limit
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TSCA: Toxic Substances Control Act
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- WHMIS: Workplace Hazardous Materials Information System.

GENERAL BIBLIOGRAPHY:

- GHS rev. 3
- The Merck Index. 10th Edition
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy
- 6 NYCRR part 597
- Cal/OSHA website
- California Safe Drinking Water and Toxic Enforcement Act
- EPA website
- Hazard Comunication Standard (HCS 2012)
- IARC website
- List Of Lists EPA: Consolidated List of Chemicals Subject to EPCRA, CERCLA and Section 112® of the Clean Air Act
- Massachussetts 105 CMR Department of public health 670.000: "Right to Know"
- Minensota Chapter 5206 Departemnt Of Labor and Industry Hazardous Substances, Employee "Right to Know".
- New Jersey Worker and Community Right to know Act N.J.S.A.
- NTP. 2011. Report on Carcinogens, 12th Edition.
- OSHA website
- Pennsylvania, Hazardous Substance List, Chapter 323

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

@EPY 11.4.0 - SDS 1004.14



ΕN

16. Other information ... / >>

CALCULATION METHODS FOR CLASSIFICATION

Product classification derives from criteria established by the OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200), unless determined otherwise in Section 11 and 12. The data for evaluation of chemical-physical properties are reported in section 9.

Changes to previous review:

The following sections were modified: 01 / 02 / 03 / 08 / 09 / 11 / 12 / 14 / 15 / 16.