



### 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.

Flammable liquid and vapour.

Suspected of damaging fertility or the unborn child.

Classification and Hazard Statement Flammable liquid, category 3 Reproductive toxicity, category 2 Hazard pictograms:



Signal words:

Warning

Hazard statements: H226 H361

Precautionary statements:

.....

Flammable liquid and vapour. Suspected of damaging fertility or the unborn child.

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#### 2. Hazards identification ... / >>

Prevention:	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P202	Do not handle until all safety precautions have been read and understood.
P242	Use only non-sparking tools.
P201	Obtain special instructions before use.
P233	Keep container tightly closed.
P280	Wear protective gloves/ protective clothing / eye protection / face protection.
P240	Ground / bond container and receiving equipment.
P243	Take precautionary measures against static discharge.
P241	Use explosion-proof electrical / ventilating / lighting / / equipment.
Response:	
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.
P308+P313	IF exposed or concerned: Get medical advice / attention.
P370+P378	In case of fire: use CO2, sand, powder to extinguish.
Storage:	
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
Disposal:	
P501	Dispose of contents / container according to applicable law.

#### 2.2. Other hazards

Environmental classification as for Reg. (EC) 1272/2008 (CLP):

The product is classified as hazardous for environment pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP).

Classification and Hazard Statement Hazardous to the aquatic environment, chronic toxicity, category 1

Very toxic to aquatic life with long lasting effects.

Hazard pictograms:



Signal words:	Warning
Hazard statements:	
H410	Very toxic to aquatic life with long lasting effects.
Precautionary statements:	
Prevention:	
P273	Avoid release to the environment.
Response:	
P391	Collect spillage.
Storage:	
	-
Disposal:	
P501	Dispose of contents / container according to applicable law.
Additional hazards	
Information not available	

#### 3. Composition/information on ingredients

#### 3.2. Mixtures

Identification		x = Conc. %	Classification:
Octamethylcyclotetrasiloxane INDEX 014-018-00-1 49 ≤ x < 51		49≤x< 51	Flammable liquid, category 3 H226, Reproductive toxicity, category 2 H361, Hazardous to the aquatic environment, chronic toxicity, category 1 H410 M=10
EC CAS REACH Reg.	209-136-7 556-67-2 01-2119529238-30	6-XXXX	

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#### 3. Composition/information on ingredients ..../>>

#### METHANOL

INDEX 603-001-00-X  $0.1 \le x < 0.4$ 

Flammable liquid, category 2 H225, Acute toxicity, category 3 H301, Acute toxicity, category 3 H311, Acute toxicity, category 3 H331, Specific target organ toxicity - single exposure, category 1 H370

EC 200-659-6 CAS 67-56-1 REACH Reg. 01-2119433307-44

\* There is a batch to batch variation.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

#### 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

#### METHANOL

Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.

#### 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.

Combustion products: COx and silicon fumes.

#### 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.

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### DEEPER

#### 6. Accidental release measures ... / >>

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.

#### 6.4. 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. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during use. Avoid leakage of the product into the environment.

#### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. 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

	METHANOL					
Threshold Limit Value						
Туре	Country	TWA/8h	TWA/8h S		min	Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
TLV-ACGIH	-	262	200	328	250	SKIN
OEL	EU	260	200			
OSHA	USA	260	200			
CAL/OSHA	USA	260	200	325	250	SKIN
NIOSH	USA	260	200	325	250	SKIN





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

ETHANOL							
Threshold Limit Value							
Туре	Country	TWA/8h		STEL/15	min	Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
TLV-ACGIH	-			1884	1000		
OSHA	USA	1900	1000				
CAL/OSHA	USA	1900	1000				
NIOSH	USA	1900	1000				

#### Legend:

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

#### METHANOL

Sampling methods: https://amcaw.ifa.dguv.de/substance/methoden/065-Methanol 2016.pdf

ACGIH IBE: methanol in urine, 15 mg/l, at the end of the shift

#### 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

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.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

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 pH Value liquid opalescent characteristic not available not available Information

Reason for missing data:substance/mixture is non-polar/aprotic (eg: an organic solvent mixture)

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#### 9. Physical and chemical properties ... / >>

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	not available not available 35 °C (95 °F) not available not available
VOC :	49,51 % - 492,62 g/litre

#### 10. Stability and reactivity

#### 10.1. Reactivity

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

#### 10.2. Chemical stability

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

#### 10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

#### 10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

#### 10.5. Incompatible materials

Octamethylcyclotetrasiloxane Strong oxidizing agents

#### 10.6. Hazardous decomposition products

Octamethylcyclotetrasiloxane

Thermal decomposition or combustion can release carbon oxides and other toxic gases and vapors. Amorphous silica.

#### 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





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#### 11. Toxicological information ... / >>

#### METHANOL

WORKERS: inhalation; contact with the skin.

POPULATION: ingestion of contaminated food or water; contact with the skin of products containing the substance.

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

#### METHANOL

The minimum lethal dose for humans by ingestion is considered to be in the range from 300 to 1000 mg/kg. Ingestion of 4-10 ml of the substance may cause permanent blindness in adult humans (IPCS).

#### Interactive effects

Information not available

#### ACUTE TOXICITY

Octamethylcyclotetrasiloxane	
LD50 (Oral):	> 4800 mg/kg Ratto
LD50 (Dermal):	> 2375 mg/kg Ratto
LC50 (Inhalation mists/powders):	36 mg/l/4h Ratto

METHANOL LC50 (Inhalation vapours):

3 mg/l/4h

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

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 Carcinogenicity Assessment: 64-17-5 ETHANOL ACGIH:: A3 IARC:1

REPRODUCTIVE TOXICITY

Suspected of damaging fertility or the unborn child

Adverse effects on sexual function and fertility

Octamethylcyclotetrasiloxane

In rats, a significant reduction in fertility was observed after exposure by inhalation to D4 (500, 700 ppm). There are currently no indications that the effects may have direct relevance to humans. D4 had no influence on male reproductive capacity and showed no developmental effects.

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD





Does not meet the classification criteria for this hazard class

#### 12. Ecological information

This product is dangerous for the environment and highly toxic for aquatic organisms. In the long term, it have negative effects on aquatic environment.

#### 12.1. Toxicity

Octamethylcyclotetrasiloxane	
LC50 - for Fish	> 0.022 mg/l/96h Trota iridea
EC50 - for Crustacea	> 0.015 mg/l/48h Daphnia magna
EC50 - for Algae / Aquatic Plants	> 0.022 mg/l/72h Pseudokirchneriella subcapitata
Chronic NOEC for Fish	> 0.0044 mg/l Trota iridea
Chronic NOEC for Crustacea	> 0.0079 mg/l Daphnia magna
12.2. Persistence and degradability	
Octamethylcyclotetrasiloxane NOT rapidly degradable	
METHANOL	
Solubility in water Rapidly degradable	1000 - 10000 mg/l
12.3. Bioaccumulative potential	
Octamethylcyclotetrasiloxane	
Partition coefficient: n-octanol/water	6.49 Log Kow 25°C
METHANOL	
Partition coefficient: n-octanol/water	-0.77
BCF	0.2
12.4. Mobility in soil	
Information not available	
12.5. Results of PBT and vPvB assessment	
vPvB substances contained: Octamethylcyclotetrasiloxane	
PBT substances contained: Octamethylcyclotetrasiloxane	
12.6. Other adverse effects	
Information not available	

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#### 13. Disposal considerations

#### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste. Disposal must be performed through an authorised waste 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. (Octamethylcyclotetrasiloxane)
IMDG:	FLAMMABLE LIQUID, N.O.S. (Octamethylcyclotetrasiloxane)
IATA:	FLAMMABLE LIQUID, N.O.S. (Octamethylcyclotetrasiloxane)

#### 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:	Environmentally Hazardous	
IMDG:	Marine Pollutant	

IATA: NO

For Air transport, environmentally hazardous mark is only mandatory for UN 3077 and UN 3082.

#### 14.6. Special precautions for user

ADR / RID:

imdg: Iata: Special provision: 274, 601 EMS: F-E, <u>S-E</u> Cargo: Passengers: Special provision:

HIN - Kemler: 30

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

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#### 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): 67-56-1 METHANOL

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.

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

EPA List of Lists: 313 Category Code: 67-56-1 METHANOL

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

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

CERCLA RQ: 67-56-1 METHANOL

EPCRA 313 TRI: 67-56-1 METHANOL

RCRA Code: 67-56-1 METHANOL

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

State Regulations

Massachussetts:	
67-56-1	METHANOL
64-17-5	ETHANOL

Minnesota: 67-56-1 64-17-5

New Jersey:

67-56-1

METHANOL

METHANOL

**ETHANOL** 





#### **15. Regulatory information** ... / >>

64-17-5	ETHANOL
New York: 67-56-1	METHANOL
Pennsylvania: 67-56-1 64-17-5	METHANOL ETHANOL
California: 67-56-1 64-17-5	METHANOL ETHANOL

#### Proposition 65:

WARNING! This product contains chemicals known to the State of California to cause cancer and birth defects or reproductive harm.

67-56-1 METHANOL								
	NSRL / MADL (µg/	(day)						
Hazard type	Ora		nal	Inhalation	Intravenous	Note		
Development toxicity		000		47000	maaronoud	-		
Development toxicity	23			11000				
International Regulations								
Substances subject to exportation	reporting pursuant to Regul	ation (ELI) 649/20	12.					
None	reporting pursuant to regul		12.					
None								
Substances subject to the Rotterd	am Convention							
None								
Substances subject to the Stockh	alm Convention:							
None								
16. Other information								
		1 4						
Text of hazard (H) indications mer	itioned in section 2-3 of the s	sneet:						
H005	in the market in the sector							
	H225 Highly flammable liquid and vapour.							
	H226 Flammable liquid and vapour.							
	uspected of damaging fertility	y or the unborn ch	ild.					
	oxic if swallowed.							
	oxic in contact with skin.							
	oxic if inhaled.							
	auses damage to organs.							
H410 V	ery toxic to aquatic life with lo	ong lasting effects	•					
LEGEND:					<b>a</b> .			
- 313 CATEGORY CODE: Emergency Planning and Community Right-to Know Act Section 313 Category Code								
<ul> <li>ADR: European Agreement cond</li> </ul>	erning the carriage of Dange	erous goods by Ro	ad					
<ul> <li>ATE: Acute Toxicity Estimate</li> </ul>								
- CAA 112 ® RMP TQ: Risk Mana	gement Plan Threshold Quar	ntity (Clean Air Ac	Section 1	l 12®)				
<ul> <li>CAS: Chemical Abstract Service</li> </ul>	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								
			n					
- 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								



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#### 16. Other information ... / >>

- 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.

#### 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 / 04 / 05 / 08 / 09 / 10 / 11 / 12 / 14 / 15 / 16.