

Product Name	Potassium Methylate
Part Number	RXSOL-19-9520-280

Company Details:....

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone +91 22 20871200 - 1400 Fax +91 22 27612100 ::AOH :0091 9821214367 Email mail@rxmarine.com
Website www.rxmarine.com

Mixtures

Component	Classification	Concentration	Methanol	CAS-No.
67-56-1 number	EC-No XXXX	200-659-6 Repr. 2; H361	Index-No. 603-001-00-X Registration 01-2119433307-44-	

For the full text of the H-Statements mentioned in this Section, see Section 16.

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (Category 3), H301 (Sub-category 1B), H314	Acute toxicity, Inhalation (Category 3), H331 Serious eye damage (Category 1), H318	Flammable liquids (Category 3), H226 Acute toxicity, Dermal (Category 3), H311 Specific target organ toxicity - single exposure (Category 1), Eyes,	Acute toxicity, Oral Skin corrosion
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Central nervous system, H370

Label elements

Signal Word Warning

Hazard Statements

H226 Flammable liquid and vapor. H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled. H314 Causes severe skin burns and eye damage. H370 Causes damage to organs (Eyes, Central nervous system).

Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep

comfortable for breathing. Immediately call a POISON CENTER/ doctor. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Supplemental Hazard Statements None

Other hazards This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher. Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Description of first aid measures

General advice Consult a physician. Show this material safety data sheet to the doctor in attendance. **If inhaled** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. **In case of skin contact** Wash off with soap and plenty of water. Consult a physician. **In case of eye contact** Flush eyes with water as a precaution. **If swallowed** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. **Most important symptoms and effects, both acute and delayed** The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11 **Indication of any immediate medical attention and special treatment needed** No data available

Extinguishing media

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Carbon oxides Nitrogen oxides (NOx)

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information No data available spray to keep fire-exposed containers cool. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Personal precautions, protective equipment and emergency procedures Advice for non-emergency personnel: Avoid inhalation of dusts. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8. **Environmental precautions** Do not let product enter drains. **Methods and materials for**

containment and cleaning up Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10).
Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts. **Reference to other sections** For disposal see
section 13.

Precautions for safe handling

Advice on safe handling Work under hood. Do not inhale substance/mixture. **Hygiene measures** Immediately change
contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Storage conditions

Tightly closed. Dry.

Storage class Storage class (TRGS 510): 8A: Combustible, corrosive hazardous materials **Specific end use(s)** Apart
from the uses mentioned in section 1.2 no other specific uses are stipulated

Control parameters

Ingredients with workplace control parameters

Exposure controls

Personal protective equipment

Eye/face protection Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Body Protection Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection Where risk assessment shows air-purifying respirators are appropriate use a fullface particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Physical state	Liquid	Colour	Colorless	Odor	Methanolic	Melting point/freezing point	
Melting point:	Initial boiling point and boiling range		93,5 °C at 1.013 hPa		Flammability (solid, gas)		No data
available	Upper/lower flammability or explosive limits		Upper explosion limit: 36,5 %(V) - Methanol		Lower explosion limit:		
5,5 %(V) - Methanol	Flash point	29,7 °C	Autoignition temperature		The substance or mixture is not classified as self		
heating.	Decomposition temperature	No data available	pH	ca.11	materials.		Extremely flammable in the
presence of the following materials or conditions:	oxidizing materials.	Viscosity	Viscosity, kinematic: No data		Partition coefficient:		
available	Viscosity, dynamic: No data available		Water solubility	No data available	Density		No data available
n-octanol/water	No data available	Vapor pressure	No data available		Particle characteristics		No data
Relative density	No data available	Relative vapor density	No data available		Other safety information		No
available	Explosive properties	No data available	Oxidizing properties	None			
data available							

Reactivity	hydrolyzes	Vapor/air-mixtures are explosive at intense warming.		Reacts violently with water.
Chemical stability	Sensitive to moisture	Possibility of hazardous reactions		Violent reactions possible with:
Oxidizing agents	Acids	Possible decomposition products in case of hydrolysis are:	corrosive base	Methanol
Conditions to avoid	No information available	Incompatible materials	No data available	Hazardous
decomposition products	In the event of fire: see section 5			

Information on toxicological effects

Acute toxicity	LD50 Oral - Rat - male - 207,0 mg/kg	Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Olfaction:Other changes.		Behavioral:Convulsions or effect on seizure threshold.	Gastrointestinal:Ulceration or bleeding from stomach.
(ECHA)	Symptoms: If ingested, severe burns of the mouth and throat, as well as a danger of	perforation of the esophagus		LC50 Inhalation - Rat - 1 h -	
and the stomach.	Acute toxicity estimate Oral - 207 mg/kg	(ATE value derived from LD50/LC50 value)			
> 710 mg/m3	Remarks: (RTECS)	LD50 Dermal - Rabbit - 301,0 mg/kg	Remarks: Behavioral:Tremor.		
Gastrointestinal:Changes in structure or function of salivary glands.	Kidney, Ureter, Bladder:Other changes.	(ECHA)	Acute		
toxicity estimate Dermal - 301 mg/kg					
(ATE value derived from LD50/LC50 value)					

Skin corrosion/irritation	Skin - Rabbit	Result: Causes burns.	Remarks: (ECHA)	sensitization	Not
available	mutagenicity	Not available	Carcinogenicity	Not available	Reproductive toxicity
available	Teratogenicity	Not available	Specific target organ toxicity (single exposure)	Not available.	

Specific target organ toxicity (repeated exposure)	Not available.	Aspiration hazard	Not available.	Information on the
likely routes of exposure	Not available.			

Persistence and degradability	No data available	Toxicity to fish	Static test LC50 - Oncorhynchus mykiss (rainbow trout) - 75 mg/l - 96 h (OECD Test Guideline 203)
Toxicity to daphnia and other aquatic invertebrates	Static test EC50 - Daphnia magna (Water flea) - 42,81 mg/l - 48 h (OECD Test Guideline 202)	Remarks: (in analogy to similar products) The value is given in analogy to the following substances: maleic acid	
Toxicity to bacteria	EC10 - Bacteria - 14 mg/l - 72 h	Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 1.520 mg/l - 96 h	Toxicity to bacteria
Remarks: (Lit.) EC5 - E.coli - 15.000 mg/l Remarks: (Lit.) (maximum permissible toxic concentration)			
Toxicity to algae	Static test ErC50 - Pseudokirchneriella subcapitata (green algae) - 74,35 mg/l - 72 h (OECD Test Guideline 201)		
Remarks: (in analogy to similar products) The value is given in analogy to the following substances: maleic acid			
The methods for determining the biological degradability are not applicable to inorganic substances.		Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.		
properties	No data available	Other adverse effects	No data available .
Endocrine disrupting			

Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.		
Contaminated packaging	Dispose of as unused product.	Waste treatment	Method
See www.retrologistik.com for processes regarding the return of chemicals and containers, or contact us there if you have further questions.			

UN number	ADR/RID:	IMDG:	IATA:	UN proper shipping name	ADR/RID:PROPIONITRILE
IMDG:PROPIONITRILE	IATA:PROPIONITRILE	Transport hazard class(es)		ADR/RID:	IMDG:
Packaging group	ADR/RID: II	IMDG: II	IATA:II	Environmental hazards	ADR/RID: No
IATA: No	Special precautions for user	No data available	Further information	Not classified as dangerous in the meaning of transport regulations.	

Safety, health and environmental regulations/legislation specific for the substance or mixture	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulations	Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.
Chemical Safety Assessment	For this product a chemical safety assessment was not carried out

Other Information

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