Material Safety Data Sheet

p Xylene commercial (RXSOL-19-1206-210)

1. Product and Company Identifaction

Product Name	:	**RXSOL-50-5002-AC**
Product Type	:	ALKALINITY CONTROL

Company Details:

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

Phone	:	+91 22 65113333 / 5555 / 9999 / 27611360
Fax	:	+91 22 2781 1318 :::AOH :0091 9821214367
Email	:	mail@rxmarine.com , sales@tankcleaner.net/
Website	:	www.rxmarine.com/ , www.tankcleaner.net/

2. Composition / informationon ingredients

Chemica Name	Concentration	CAS Number
{p-}Xylene	106-42-3	100

Toxicological Data on Ingredients: p-Xylene:ORAL(LD50):Acute:5000mg/kg[Rat.].DERMAL(LD50):Acute:12400 mg/kg[Rabbit.].VAPOR(LC50):Acute:4550ppm4hour(s)[Rat].

*See Section 16

3. Hazards Identification

Potential Acute Health Effects:
Very hazardous in case of skin contact (irritant),of eye contact (irritant).Slightly hazardous in case of skin contact(permeator),of ingestion,of inhalation.Inflammation of the eye is characterized by redness,watering,and it ching.Skin in flammation is characterized by it ching,scaling,reddening,or,occasionally,blistering.
Potential Chronic Health Effects:
Hazardous in case of skin contact(irritant),of eye contact(irritant).
Slightly hazardous in case of skin contact(permeator),of ingestion,of inhalation.
CARCINOGENIC EFFECTS:Not available.
MUTAGENIC EFFECTS:Not available.
TERATOGENIC EFFECTS:Not available.
DEVELOPMENTALTOXICITY:Not available.
The substance is toxic to blood,kidneys,the nervous system,liver.
Repeated or prolonged exposure to the substance can produce target or gans damage.

4. First Aid Measures

Eye Contact: Check for and remove any contact lenses.Do not use an eye ointment.Seek medical attention.
Skin Contact:After contact with skin,wash immediately with plenty of water.Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap.Be particularly careful to clean folds,crevices,creases and groin.
Cover the irritated skin with an emollient.If irritation persists,seek medical attention.Wash contaminated clothing before reusing.

Serious Skin Contact:Wash with adisinfectant soap and cover the contaminated skin with an anti-bacterial cream.Seek immediate medical attention.
Inhalation: Allow the victim to restina well ventilated area.Seek immediate medical attention.
Serious Inhalation:Not available.
Ingestion:Do not induce vomiting.Examine the lips and mouth to as certain whether the tissues are damaged,a possible indication that the toxic material was ingested ; the absence of such signs,however,is not conclusive.Loosen tight clothing such as a collar,tie,beltor waistband.If the victimis not breathing,perform mouth-to-mouth resuscitation.Seek immediate medical attention.
Serious Ingestion:Not available.

5. Fire-fighting Measures

Flammability of the Product:Flammable.
Auto-Ignition Temperature:527°C(980.6°F)
Flash Points:CLOSEDCUP:25°C(77°F).OPENCUP:28.9°C(84°F)(Cleveland).
Flammable Limits:LOWER:1.1%UPPER:7%
Products of Combustion:These products are carbon oxides(CO,CO2).
Fire Hazards in Presence of Various Substances: Highly flammable in presence of open flames and sparks,of heat.
Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact:Not available.
Risks of explosion of the product in presence of static discharge:Not available.
Fire Fighting Media and Instructions:
Flammable liquid,in soluble in water.
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE:Use water spray or fog.Cool containing vessels with water jet in order to prevent pressure build-up,auto ignition or explosion.
Special Remarks on Fire Hazards:
Explosive in the form of vapor when exposed to heat or flame.Vapor may travel considerable distance to source of ignition and flash back.When heated to decomposition it emitsacrid smoke and irritating fumes.
Special Remarks on Explosion Hazards:Not available.

6. Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill:Toxic flammable liquid,in soluble or very slightly soluble in water.
Keep away from heat.Keep away from sources of ignition.Stop leak if with out risk.Absorb with DRY earth, sand or other non-combustible material.Do not get water in side container.Do not touch spilled material.Prevent entry into sewers,basements or confined areas;dike if needed.Eliminateallignition sources.Call for assistance on disposal.Be careful that the product is not present at a concentration level aboveTLV.Check TLV on the MSDS and with local authorities.

7. Handling and Storage

Precautions:Keep away from heat.Keep away from sources of ignition.Ground all equipment containing material.Donot ingest.Do not breathe gas/fumes/vapour/spray.If ingested,seek medical advice immediately and show the container or the label.Avoid contact with skin and eyes Keep away from in compatibles such as oxidizing agents.
Storage:Flammable materials should be store dinaseparate safety storage cabine to room.Keep away from heat.Keep away from sources of ignition.Keep container tightly closed.Keep in a cool,well-ventilated place.Ground all equipment containing material. Are frigerated room would be preferable for materials with a flash point lower than 37.8°C(100°F).

8. Exposure controls and personal protection

Engineering Controls:Provideexhaustventilation or other engineering controls to keep the air borne concentrations of vapors below their respective threshold limit value.Ensure that eye wash stations and safety showers are proximal to the work-station location.
Personal Protection:Splash goggles.Lab coat.Vapor respirator.Be sure to use an approved/certified respirat or or equivalent. Gloves.
Personal Protection in Case of a Large Spill:Splash goggles.Full suit.Vapor respirator.Boots.Gloves.A self contained breathing apparat us should be
used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits:TWA:100STEL:150(ppm)fromACGIH(TLV)
TWA:434STEL:651(mg/m3)fromACGIH Consult local authorities for acceptable exposure limits.

9. Physical and chemical properties

Physical state and appearance:Liquid.(Liquid.)
Odor:Not available.
Taste: Not available.
Molecular Weight:106.17g/mole
Color: Colorless.
pH(1%soln/water): Not applicable.
Boiling Point:138°C(280.4°F)
Melting Point:12°C(53.6°F)
Critical Temperature: Not available.
Specific Gravity:0.86(Water=1)
Vapor Pressure:9mmofHg(@20°C)
Vapor Density:3.7(Air=1)
Volatility: Not available.
Odor Threshold:0.62ppm
Water/OilDist.Coeff.:Not available.
Ionicity(inWater):Not available.
Dispersion Properties: See solubility in water,methanol,diethylether.
Solubility:
Easily soluble in methanol,diethylether.
In soluble in cold water,hot water.

10. Stability and reactivity

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Not available.
Incompatibility with various substances:Reactive with oxidizingagents.
Corrosivity: Non-corrosive in presence of glass.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity: Not available.
Polymerization: No.

11. Toxicological information

Routes of Entry: Eye contact.
Toxicityto Animals:WARNING: THE LC50 VALUES HERE UNDER A REESTIMATE DON THE BASIS OF A4-HOUR EXPOSURE.
Acute or altoxicity(LD50):5000mg/kg[Rat.].
Acutedermaltoxicity(LD50):12400mg/kg[Rabbit.].
Acutetoxicity of the vapor(LC50):4550ppm4hour(s)[Rat].
Chronic Effects on Humans:The substance is toxic to blood,kidneys,the nervous system,liver.
OtherToxic Effects on Humans:
Very hazardous in case of skin contact(irritant).
Slightly hazardous in case of skin contact (permeator),of ingestion,of inhalation.
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans:0347Animal: embryotoxic,foetotoxic,passes through the placental barrier.
0900Detected in maternal milk in human.
Narcotic effect; may cause nervous system disturbances.
Special Remarks on other Toxic Effects on Humans: Material is irritating to mucousmembranes and upper respiratory
tract.

12. Ecological information

Ecotoxicity : Not available.
BOD 5 and COD:Not available.
Products of Biodegradation:
Possibly hazardous short term degradation products are not likely.However,long term degradation products mayarise.
Toxicity of the Products of Biodegradation:The products of degradation are more toxic.
Special Remarks on the Products of Biodegradation: Not available.

13. Disposal considerations

Waste Disposal

14. Transport information

DOT Classification:Class3:Flammable liquid.
Identification:: Xylene:UN1307PG:III

Special Provisions for Transport:Not available.

15. Regulatory information

Federal and State Regulations:
PennsylvaniaRTK:p-Xylene
Florida:p-Xylene
MassachusettsRTK:p-Xylene
New Jersey:p-Xylene
TSCA8(b)inventory:p-Xylene
SARA313toxic chemical notification and release reporting:p-Xylene
CERCLA:Hazardous substances.:p-Xylene
Other Regulations:OSHA:Hazardous by definition of Hazard Communication Standard(29CFR1910.1200).
Other Classifications:
WHMIS(Canada):
CLASSB-2:Flammable liquid with a flash point lower than37.8°C(100°F).
CLASSD-2B:Material causing other toxic effects(TOXIC).
DSCL(EEC):
R10-Flammable.
R38-Irritating to skin.
R41-Risk of serious damage to eyes.
R48/20-Harmful:danger of serious
damage to health by prolonged
exposure through inhalation.
HMIS(U.S.A.):
Health Hazard:2
Fire Hazard:3
Reactivity:0
Personal Protection:h
National Fire Protection Association(U.S.A.):
Health:2
Flammability:3
Reactivity:0
Specific hazard:
Protective Equipment:
Gloves.
Labcoat.
Vapor respirator.Be sure to use an approved/certified respiratoror
equivalent.Wear appropriate respirator
when ventilation is in adequate.
Splash goggles.

16. Other information

Other Special Considerations: Not available.
Created:10/10/200508:33PM
Last Up dated:11/06/200812:00PM
The information above is believed to be accurate and represents the best information currently available to us.However,we make no warranty of merchantability or any other warranty,expressorimplied,with respect to such information,and we assumenoliability resulting from its use.Users should make their own investigations to determine the suitability of the information for their particular purposes.Innoevent shall Science Lab.com beliable for any claims,losses,or damages of any third party or for lost profits or any special,indirect,incidental,consequential or exemplary damages,howsoevera rising,even if Science Lab.com has been advised of the possibility of such damages.

DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.