



CHEMICAL PRODUCT SAFETY DATA SHEET

Prepared in accordance with GB/T 16483 and GB/T 17519.

Company name: CRC Industries Trading (Shanghai) Co., Ltd. Product name:
Multi-Purpose Cleaner

Issue date: 01-22-2015
Revision date: 07-23-2015
Version #: 02
SDS No: -

1. Chemical product and company identification

Product name	Multi-Purpose Cleaner
Product code	PRSL1212
Company name	CRC Industries Trading (Shanghai) Co., Ltd.
Address	Room 2408, No. 488 South Wuning Road Jingan District - 200042 Shanghai, PR China
Telephone	
General Information	+86 (0) 21 6236 6035
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Website	www.crcindustries.cn

Recommended use and Limitations on use

Recommended use	Multi-purpose cleaner
Limitations on use	Not available.
Issue date	01-22-2015
Revision date	07-23-2015
Supersedes date	01-22-2015

2. Hazards identification

Emergency overview	Causes eye irritation. Dangerous for the environment if discharged into watercourses.
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GHS-classification

Physical hazards	Not classified.	
Health hazards	Serious eye damage/eye irritation	Category 2B
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
Other hazards which do not result in classification	Not classified.	

Label elements

Pictograms	None.
GHS-labeling	
Signal word	Warning
Hazard statement	Causes eye irritation. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary statement

Prevention	Wash thoroughly after handling. Avoid release to the environment.
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Storage	Store away from incompatible materials.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

Physical and chemical hazards	Not classified.
Health hazards	Causes eye irritation.
Environmental hazards	Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

3. Composition/information on ingredients

Substance/mixture	Mixture
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Chemical name	CAS Number	Concentration (%)
Distillates (petroleum), Hydrotreated Middle	64742-46-7	40 - 50
Water	7732-18-5	30 - 40
Stoddard Solvent	8052-41-3	5 - 10
Undeceth-3, -7	34398-01-1	1 - 3

4. First aid measures

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Rinse with water.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	If swallowed, do NOT induce vomiting. Rinse mouth. Get medical advice/attention if you feel unwell.
Most important symptoms and health effects	Irritation of eyes and mucous membranes. Exposed individuals may experience eye tearing, redness, and discomfort.
Expected acute symptoms and delayed symptoms	Irritation of eyes and mucous membranes. Exposed individuals may experience eye tearing, redness, and discomfort.
Personal protection for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Notes to physician	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. Fire-fighting measures

Extinguishing media	Powder. Alcohol resistant foam. Water spray. Dry chemical powder. Carbon dioxide (CO2).
Extinguishing media to avoid	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards	During fire, gases hazardous to health may be formed.
Special fire fighting procedures	Cool containers exposed to heat with water spray and remove container, if no risk is involved.
Protection of fire-fighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
General fire hazards	No unusual fire or explosion hazards noted.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	
For non-emergency personnel	In case of spills, beware of slippery floors and surfaces. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch or walk through spilled material. For personal protection, see section 8 of the SDS.
For emergency responders	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Use personal protection recommended in Section 8 of the SDS.
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Inform appropriate managerial or supervisory personnel of all environmental releases. Use appropriate containment to avoid environmental contamination.
Clean-up methods and materials and containment measures	This product is miscible in water. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Prevent entry into waterways, sewer, basements or confined areas.
Prevention of secondary hazards	Not available.

7. Handling and storage

Handling	Avoid contact with eyes. Avoid prolonged exposure. Handle and open container with care. Observe good industrial hygiene practices. Avoid release to the environment.
Storage	Store in a cool, dry place out of direct sunlight. Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Exposure limits

Not available.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Control parameters

Follow standard monitoring procedures.

Engineering measures

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Personal protective equipment

Respiratory protection

If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

Hand protection

Not normally needed.

Eye protection

Wear safety glasses with side shields (or goggles).

Skin and body protection

No special protective equipment required.

Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state

Liquid.

Form

Cream.

Color

White. Off-white.

Odor

Sweet. Solvent.

pH

8 - 9

Melting point/freezing point

32 °F (0 °C) estimated

Boiling point, initial boiling point, and boiling range

212 °F (100 °C) estimated

Flash point

> 200 °F (> 93.3 °C) Tag Closed Cup

Flammability limit - lower (%)

0.9 % estimated

Flammability limit - upper (%)

12.6 % estimated

Explosive limit - lower (%)

Not available.

Explosive limit - upper (%)

Not available.

Vapor pressure

15.4 hPa estimated

Vapor density

Not available.

Relative density

0.9

Density

Not available.

Solubility(ies)

Solubility (water)

Soluble.

Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature

450 °F (232.2 °C) estimated

Decomposition temperature

Not available.

Other data

Percent volatile

43.5 % estimated

10. Stability and reactivity

Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

Stability

Material is stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid high temperatures. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Product	Species	Test Results
Multi-Purpose Cleaner		
Acute		
Dermal		
LD50	Rabbit	36751 mg/kg estimated
Inhalation		
LC50	Rat	75460 mg/m ³ , 4 hours estimated 75 mg/l, 4 hours estimated
Oral		
LD50	Rat	58709 mg/kg estimated

* Estimates for product may be based on additional component data not shown.

Routes of exposure	Inhalation. Eye contact.
Symptoms	Irritation of eyes and mucous membranes. Exposed individuals may experience eye tearing, redness, and discomfort. Skin irritation.
Skin corrosion/irritation	Repeated exposure may cause skin dryness or cracking.
Serious eye damage/eye irritation	Causes eye irritation.
Respiratory sensitization	Not available.
Respiratory or skin sensitization	
Skin sensitizer	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Stoddard Solvent (CAS 8052-41-3) 3 Not classifiable as to carcinogenicity to humans.

Toxic to reproduction	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity following single exposure	Not classified.
Specific target organ toxicity following repeated exposure	Not classified.
Aspiration hazard	Not likely, due to the form of the product.
Chronic effects	Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicological data			
Components	Species	Test Results	
Undeceth-3, -7 (CAS 34398-01-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	1.6 - 2.5 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	3.2 - 5 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Ecotoxicity	Harmful to aquatic life with long lasting effects.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulation	No data available.
Bioaccumulative potential	
Octanol/water partition coefficient log Kow	
Stoddard Solvent	3.16 - 7.15

Mobility in soil	This product is miscible in water.
Other hazardous effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Residual waste	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
Local disposal regulations	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transport information

CNDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

15. Regulatory information

Inventory of Existing Chemical Substances in China

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Applicable regulations This safety data sheet conforms to the following laws, regulations and standards:
Regulations on the Control over Safety of Dangerous Chemicals
Regulations on Labor Protection in Workplaces Where Toxic Products Are Used
Measures for the Safe Use of Chemicals in Workplaces
Safety Data Sheet for Chemical Products - Content and Order of Sections (GB/T 16483-2008)
General Rules for Preparation of Precautionary Labels for Chemicals (GB15258-2009)
Packing Symbol of Dangerous Goods(GB190-2009)
Packing - Pictorial Marking for Handling of Goods (GB/T191-2009)

General Rule For Classification and Hazard Communication of Chemicals (GB 13690-2009) and Dangerous Chemical Products

Sodium hydroxide (CAS 1310-73-2)

Occupational exposure limits for hazardous agents in the workplace (GBZ 2.1-2007)

Sodium hydroxide (CAS 1310-73-2)

National Catalogue of Hazardous Wastes

Chloroxylenol (CAS 88-04-0)

Distillates (petroleum), Hydrotreated Middle (CAS 64742-46-7)

Petrolatum, Micro Soft Wax (CAS 8009-03-8)

Sodium hydroxide (CAS 1310-73-2)

Stoddard Solvent (CAS 8052-41-3)

Restricted Import/Export Toxic Chemical List (MEP and GCA Announcement No. 2008-66, Dec. 1, 2008, amended through MEP and Customs Notice No. 2013-85, December 30, 2013)

Not regulated.

Classification and code of dangerous goods (GB 6944-2012)

Not regulated.

UN Recommendations on the Transport of Dangerous Goods (UN RTDG)

Not regulated.

16. Other information

References	EPA: AQUIRE database NLM: Hazardous Substances Data Base US. IARC Monographs on Occupational Exposures to Chemical Agents
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Disclaimer

CRC Industries Trading (Shanghai) Co., Ltd. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.