

MATERIAL SAFETY DATA SHEET

Revised date: 13/06/2017

1. PRODUCT NAME AND IDENTIFICATION

Product Name: JCP 208 SOLVENT GREASE REMOVER
Chemical Name & Synonyms: N/A
CAS Number: N/A, Mixture
Company Name: JCP GROUP(THAILAND) CO., LTD.
Tel & Fax: +(66)34-412-824 **Emergency:** +(66)85-105-6034

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS#	% by Wt.	OSHA TWA (ppm)	ACGIH-TWA (ppm)
PETROLEUM DISTILLATES, HYDROTREATED LIGHT	64742-47-8	30 – 95%	N/A	N/A

3. HAZARDS IDENTIFICATION

Emergency overview: Can cause irritation or damage to eyes and skin. Harmful if swallowed.

Routes of Exposure: Inhalation: [✓] Ingestion: [✓] Absorption: [✓]

Eyes: Causes eye irritation.

Skin: May cause skin irritation.

Inhalation: Prolonged skin contact may defat the skin and produce dermatitis. Harmful if inhaled and may cause delayed lung injury.

Ingestion: Ingestion may cause irritation to mucous membranes. Causes headache, drowsiness or other effects to the central nervous system. Aspiration hazard if swallowed - can enter lungs and cause damage.

Carcinogenicity: Contains no listed carcinogens.

4. FIRST AID MEASURES

General Advice: Avoid contact with skin, eyes and clothing. Show this safety data sheet to the doctor in attendance.

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact: Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.

Inhalation: If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion: Drink 1 or 2 glasses of water. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

Notes to Physician: Aspiration hazard if swallowed - can enter lungs and cause damage.

5. FIRE FIGHTING MEASURES

Flash Point 142°F / 61°C	Method	Seta closed cup
Autoignition Temperature N/A		
Flammability Limits in Air Mixture	Upper 7.0	Lower 0.7

Suitable Extinguishing Media Water spray. Foam. Dry chemical. Carbon dioxide (CO₂).

Specific Hazards Arising from the Chemical Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions. Keep product and empty container away from heat and sources of ignition. Risk of ignition.

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health 1	Flammability 2	Instability 0
HMS	Health 1	Flammability 2	Instability 0

6. ACCIDENTAL RELEASE (SPILL MEASURES)

Personal Precautions	Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13)
Methods for Cleaning Up	Pick up and transfer to properly labelled containers. Never return spills in original containers for re-use.
Neutralizing Agent	Not applicable

7. HANDLING AND STORAGE

Handling	Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.			
Storage	Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Keep in properly labelled containers.			
Storage Temperature	Minimum 35°F / 2°C		Maximum 120°F / 49°C	
Storage Conditions	Indoor X	Outdoor	Heated	Refrigerated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated light	No data available	No data available	No data available

Engineering Measures	Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	For prolonged or repeated contact use protective gloves.
Respiratory Protection	In case of inadequate ventilation wear respiratory protection.
General Hygiene Considerations	Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES (Typical)

Physical State	Liquid	Viscosity	Non viscous
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Color	Colorless	Odor	Petroleum distillates
Appearance	Transparent	pH	Not applicable
Specific Gravity	0.79	Bulk Density	7.59
Evaporation Rate	0.1 (Butyl acetate=1)	Percent Volatile (Volume)	100
VOC Content (%)	100	Vapor Pressure	1.14 mmHg @ 70 °F
Vapor Density	5.3	Solubility	Negligible
Boiling Point/Range 350°F / 177°C			

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur .
Conditions to Avoid	Heat, flames, and sparks.
Incompatible Products	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides.
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Component Information Petroleum distillates, hydrotreated light

Acute toxicity

LD50 Oral	5000 mg/kg (Rat)
LD50 Dermal	2000 mg/kg (Rabbit)
LC50 Inhalation	5.2 mg/L (Rat) 4 h
Draize Test	no data available
Other	no data available

Chronic Toxicity

Mutagenicity	no data available
Sensitization	no data available
Developmental Toxicity	no data available
Reproductive Toxicity	no data available
Target Organ Effects	CNS

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

ACGIH	not applicable
IARC	not applicable
NTP	not applicable
OSHA	not applicable
Other	not applicable

12. ECOLOGICAL INFORMATION

Component Information	Petroleum distillates, hydrotreated light
Toxicity to Algae	no data available
Toxicity to Fish	LC50= 1740 mg/L Lepomis macrochirus 96h LC50= 45 mg/L Pimephales promelas 96 h
Microtox	no data available

Water Flea LC50 = 4720 mg/L 96 h
log Pow no data available

Persistence and Degradability No information available

Bioaccumulation: No information available

Mobility: No information available

Biodegradability: Result: Not readily biodegradable.

Further information on ecology

Biochemical Oxygen Demand (BOD): No data available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of as hazardous waste in compliance with local and national regulations

Container Disposal Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name Petroleum distillates, n.o.s.
Hazard Class 3
UN-No UN1268
Packing Group III
Description UN1268, Petroleum Distillates, N.O.S., 3, PGIII (>119 gallon - < 119 Not Regulated)
TDG Not regulated
ICAO Not regulated
IATA Not regulated

IMDG/IMO

Proper Shipping Name Petroleum distillates, n.o.s. (Mixture)
Hazard Class 3
UN-No UN1268
Packing Group III
EmS No. F-E, S-E
Shipping Description UN1268, Petroleum distillates, n.o.s.,3,PG III,Mixture

15. REGULATORY INFORMATION

Inventories

TSCA Complies

DSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372:

SARA 311/312 Hazardous Categorization

Acute Health Hazard Yes
Chronic Health Hazard No
Fire Hazard Yes
Sudden Release of Pressure Hazard No
Reactive Hazard No

CERCLA

Component Petroleum distillates, hydrotreated light
Hazardous Substances RQs Not applicable
CERCLA EHS RQs Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class B3 Combustible liquid, D2B Toxic materials .

16. OTHER INFORMATION

The above information is based on data available to us and is believed to be correct. However, no warranty, merchantability, fitness for any use or any other warranty is expressed or to be implied regarding the accuracy of these data, the result to be obtained from the use thereof, the hazards connected with the use of the material, or that any such use will not infringe any patent. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility resulting from its use. This information is furnished upon the condition that the person receiving it shall make his own determination for the suitability of the material for his particular purposes.
