

SDS

JP78 JP Ultra

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 11/06/2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product form : Liquid
Product name : JP Ultra
Product code : JP78

Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Surface active wetting agent

Details of the supplier of the safety data sheet

Metropolitan Compounds
3343 N University Drive Hollywood, FL 33024
Phone: (855) 474-6781

Emergency telephone number

Emergency number : INFOTRAC: 800-535-5053 (North America)
352-323-3500 (International)

2. HAZARDS IDENTIFICATION

GHS classification

Acute toxicity - Oral Category 4
Serious Eye Damage - Category 1

GHS label elements

Hazard pictograms/symbols



Signal Word: Danger

Hazard Statements: H318: Causes serious eye damage

Precautionary Statements:

Prevention
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
:Wear eye protection/face protection.

Response

P301+P312 :IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338 :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 :Immediately call a POISON CENTRE or doctor/physician.

Disposal

P501: Disposal of contents/container to be specified in accordance with regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS Number | Concentration (Weight) |
|------------------|------------|------------------------|
| Surfactant Blend | Mixture | 20-40 |

4. FIRST AID MEASURES

| | |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice | Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately. |
| Eye contact | Rinse immediately with plenty of water for at least 15 minutes. Skin contact Wash with water and soap as a precaution. |
| Ingestion | Prevent aspiration of vomit. Turn victim's head to the side. Inhalation Move to fresh air. |
| Inhalation | No data available. |

5. FIRE-FIGHTING MEASURES

| | |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media | Carbon dioxide (CO ₂). Dry chemical. Dry sand. Limestone powder. |
| Specific hazards | Incomplete combustion may form carbon monoxide. |
| Special protective equipment for fire-fighters | Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Personal Precautions, Protective Equipment, and Emergency Procedures | |
| : Evacuate personnel to safe areas. | |
| Environmental precautions | Construct a dike to prevent spreading. |
| Methods for cleaning up | Place in appropriate chemical waste container. If possible, stop flow of product. |

7. HANDLING AND STORAGE

Handling

Use personal protective equipment. When using, do not eat, drink or smoke.

Storage

Keep away from direct sunlight. Overheating of an ethoxylate stored under air should be avoided. When an ethoxylate is vigorously mixed in the presence of air or oxygen at temperatures >125 F (50 C), it can degrade product quality. Storage under an inert atmosphere is recommended.

Storage Temperature : Store above 32F and below 100F

8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering measures

Provide readily accessible eye wash stations and safety showers.

Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal protective equipment

| | |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory protection | Not required for properly ventilated areas. |
| Hand protection | Neoprene gloves. Nitrile rubber. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. |
| Eye protection | Chemical safety glasses. |
| Skin and body protection | No specific recommendation |
| Special instructions for protection and hygiene | Provide readily accessible eye wash stations and safety showers. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------------------|------------------------------------------|
| Appearance | Liquid. |
| Colorless. | TEAL |
| Odor | Mild. |
| Odor threshold | No data available. pH No data available. |
| Melting point/range | Not applicable |
| Boiling point/range | > 212 deg F. |
| Flash point | Over 212 deg F |
| Evaporation rate | No data available. |
| Flammability (solid, gas) | Not applicable. Not applicable. |
| Upper/lower explosion/flammability limit | |
| Vapor pressure | Not Determined |
| Relative vapor density | Not applicable. |
| Relative density | 1.0 approximate |
| Partition coefficient (n-octanol/water) | No data available. |
| Auto-ignition temperature | No data available. |
| Decomposition temperature | No data available. |
| Viscosity | No data available. |
| Molecular Weight | No data available. |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Chemical Stability | Stable under normal conditions. |
| Conditions to avoid | No data available. |
| Materials to avoid | Reactive metals (e.g. sodium, calcium, zinc etc.). Materials reactive with hydroxyl compounds. Copper alloys Strong acids. |
| Hazardous decomposition products | Carbon monoxide. Carbon dioxide (CO ₂). Aldehydes Flammable hydrocarbon fragments. |
| Possibility of hazardous Reactions/Reactivity | No data available. |

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Likely routes of exposure

Acute toxicity

Acute Oral Toxicity LD50 : 1,400 mg/kg Species : Rat. Inhalation No
data is available on the product itself. Acute Dermal Toxicity LD50 : > 5,000 mg/kg Species : Rat.

Skin corrosion/irritation Mild skin irritation.

Serious eye damage/eye irritation Moderate eye irritation.

Sensitization. : No data available.

Chronic toxicity or effects from long term exposures

Carcinogenicity No data available.

Reproductive toxicity No data is available on the product itself. Germ cell mutagenicity

No data is available on the product itself. Specific target organ systemic No data available.

toxicity (single exposure)

Specific target organ systemic toxicity (repeated exposure) : No data available.

Aspiration hazard : No data available.

Delayed and Immediate Effects and Chronic Effects from Short and Long Term Exposure

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.

12. ECOLOGICAL INFORMATION Ecotoxicity effects

Surfactant Blend (100%)
Aquatic toxicity : LC50 (96 h): 8.5 mg/1 Species: Fathead minnow (*Pimephales promelas*).
EC50 (48 h): 5.3 mg/1 Species: *Daphnia magna*.

Toxicity to algae - Components
Alcohols, C9-11, ethoxylated ErC50 (96 h) : 1 - 10 mg/1 Species : Algae.

Toxicity to other organisms : No data available.

Persistence and degradability

Biodegradability : Readily biodegradable, as defined by OECD, substance that degrades > 60-70% within a 10 day window over 28 days. Mobility

No data available.

Bioaccumulation : No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused : Contact supplier if guidance is required. products

Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements.

14. TRANSPORT INFORMATION

Material Safety Data Sheet

DOT

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

TOG

Not dangerous goods

Further Information

Not classified as dangerous in the meaning of transport regulations. The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact an Air Products customer service representative.

15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA) 12(b) Component(s): None.

| Country | Regulatory list | Notification |
|-------------|-----------------|----------------------------------------------------------------------------------------------------------------|
| USA | TSCA | Included on Inventory. |
| EU | EINECS | Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer. |
| Canada | DSL | Included on Inventory. |
| Australia | AICS | Included on Inventory. |
| Japan | ENCS | Included on Inventory. |
| South Korea | ECL | Included on Inventory. |
| China | SEPA | Included on Inventory. |
| Philippines | PICCS | Included on Inventory. |

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification
Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level
None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)
This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

This product is made with materials defined by the epa as meeting the requirement of a green product.

16. OTHER INFORMATION

Revision date : 02/20/19 - NEW
Other information : None.

HMIS Rating Health 1 Flammability 0 Physical hazard 0

Preparation Date 05/15/2015 rev 1 6/8

