

## Product Information

MSDS 014

JOWAT 405.00

Product class: DEBONDER

## Section I - General Information

Manufacturer: **Jowat Corporation**  
**6058 Lois Lane**  
**Archdale NC 27263**

Emergency Phone Numbers: **1 800 424 9300 ( Chemtrec 24 Hours )**  
Information Telephone Number: **336 434 9000**

Date Prepared: 03/20/2009

Date Issued: 3/24/2009

Date Reviewed: 03/20/2009

Prepared by: G. Haas

## Section II - Hazardous Ingredients

<u>NAME</u>	<u>CAS NUMBER</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>% OPTION</u>
Nitromethane	75-52-5	100 ppm	20 ppm	not established	60-100%
Acetone	67-64-1	750 ppm	750 ppm	1000 ppm	10-30%

## Section III - Physical Data

BOILING POINT: 56 C

VAPOR DENSITY (Air=1): 2.1

VAPOR PRESSURE (mm Hg): Not Established

SOLUBILITY IN WATER: Slightly soluble

APPEARANCE & ODOR: Straw colored, clear liquid with mild ketone odor

SPECIFIC GRAVITY (H2O=1): 1.06

MELTING POINT: Not Established

EVAPORATION RATE (Butyl Acetate = 1): Not Established

## Section IV - Fire and Explosion Hazard Data

FLASH POINT (Method Used): -4 F (PMCC) Flammable Limits: LEL: Not Established UEL: Not Established

EXTINGUISHING MEDIA: Carbon dioxide, "alcohol" foam or water spray

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should use self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Avoid breathing vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Treat as a flammable liquid. May explode when heated. Avoid vibrations. Remove all possible ignition sources from area. Wet down drums to prevent rupture.

## Section V - Reactivity Data

STABILITY: Stable X

CONDITIONS TO AVOID: Storage in open containers, exposure to heat, sparks or open flame.

INCOMPATIBILITY (Materials to Avoid): Amines, alkalis, acids, reducing agents.

HAZARDOUS DECOMPOSITION AND BYPRODUCTS: Thermal decomposition may produce carbon monoxide, carbon dioxide and nitrogen oxides.

HAZARDOUS POLYMERIZATION: May Not Occur X

## Section VI - Health Hazard Data

ROUTE(S) OF ENTRY:

- *INHALATION*: yes
- *INGESTION*: acute oral LD50 = 1478 mg/kg (rat)
- *SKIN*: acute dermal LD50 = >2000 mg/kg (rabbit)

HEALTH HAZARDS (ACUTE AND CHRONIC):

- *ACUTE*: irritation to eyes, mucous membranes and upper respiratory tract. Defats skin.
- *CHRONIC*: overexposure by inhalation may cause liver and kidney damage

CARCINOGENICITY: NTP: No  
IARC Monographs: No  
OSHA Regulated: No

**WARNING: This product contains a chemical known to the State of California to cause cancer.**

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Immediately flush eyes with water for 15 minutes. Get medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash affected area with water.

INHALATION: Remove to fresh air. Get medical attention.

INGESTION: Wash out mouth with water provided person is conscious. Get medical attention.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin disorders.

## Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area and remove sources of ignition. Prevent skin contact and breathing vapors. Confine and remove with inert absorbent. Dispose in accordance with applicable federal, state, and local regulations. (Do not incinerate in closed containers).

WASTE DISPOSAL METHOD: Must not be disposed of either by burial at a chemical landfill or controlled burning by a licensed chemical waste facility in accordance with current, local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Product is very volatile/extremely flammable liquid. Keep away from any source of ignition such as heat, sparks and open flames. Ground all containers when transferring liquid; store in tightly closed containers in a cool, well ventilated area. Avoid breathing vapors. Do not eat or smoke in area where this product is handled.

OTHER PRECAUTIONS: Emptied containers may contain product residues and should be disposed of as chemical waste.

## Section VIII - Control Measures

RESPIRATORY - PROTECTION: NIOSH approved organic vapor canister in absence of proper ventilated environment.

VENTILATION: Local Exhaust: Good Mechanical (General): As needed

PROTECTIVE CLOTHING OR EQUIPMENT: Neoprene gloves, safety glasses or goggles, protective clothing to avoid direct contact.

WORK/HYGIENIC PRACTICES: Avoid direct contact with eyes/skin. Wear protective safety equipment as necessary to minimize contact. Wash hands with soap and water and launder contaminated clothing before reuse.

## **Section X - Regulatory Information**

### HAZARD RATING

2	=	Health
3	=	Flammability
4	=	Reactivity

All ingredients are listed on TSCA inventory list.

DOT: Flammable Liquids, NOS, contains nitromethane, acetone, 3, UN1933, II.

## **Section XII – Other Information**

These data are based on our present state of information. They shall, however, not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. All standard industrial precautions apply, concerning protection of health, and safe handling. The recommendations have to be examined in the context of the application for which the product is intended, and observed as necessary.