

Product Information

MSDS 031

JOWAT 405.10 Accelerator

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**

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Prepared by: G. Haas

Section II - Hazardous Ingredients

	CAS#	OSHA PEL [ppm]	ACGIH TLV [ppm]	OTHER LIMITS	% OPTIONS
n-Heptane	142-82-5	400	400	500 STEL	60-80%
Dimethyl toluidine	99-97-8	Not Established	Not Established	Not Established	<10%

Section III – Physical Data

BOILING POINT: 201-210°F (94-99°C) SPECIFIC GRAVITY: (H2O=1): 0.70
VAPOR DENSITY (Air=1): >1 MELTING POINT: Not Established
VAPOR PRESSURE (mm Hg): 44.6 EVAPORATION RATE (Butyl acetate=1): 5.0 approx
SOLUBILITY IN WATER: Negligible
APPEARANCE & ODOR: Clear, transparent liquid mild odor

Section IV – Fire and Explosion Hazard Data

FLASH POINT (Method): 18°F (-8°C) TCC
FLAMMABLE LIMITS: LEL: 1.1 UEL: 6.7
EXTINGUISHING MEDIA: Dry chemical, foam or carbon dioxide.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus. Use water spray only as a blanket.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Heat may cause pressure build-up and possible container rupture. Use water spray to cool heat-exposed containers.

Section V – Reactivity Data

STABILITY: Stable
CONDITIONS TO AVOID: Heat, sparks or open flames.
INCOMPATIBILITY (Materials to Avoid): Oxidizers, strong acids, caustics and halogens.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide/dioxide, hydrocarbons
HAZARDOUS POLYMERIZATION: May not occur.

Section VI – Health Hazard Data

ROUTE(S) OF ENTRY: Inhalation: Yes
Skin: Yes
Ingestion: Yes

HEALTH HAZARDS (Acute and Chronic):

Acute: May cause irritation of eyes, skin and respiratory tract.

Chronic: Excessive exposure effects include dizziness, nausea, loss of consciousness, vomiting and diarrhea; may cause harmful central nervous system effects in prolonged exposure.

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

FIRST AID MEASURES:

Eye contact: Immediately flush eye with copious amounts of water for 15 minutes. If irritation persists, get medical attention.

Skin contact: Remove contaminated clothing and wash affected areas with soap and water. Prolonged or repeated contact can cause dermatitis in sensitive individuals. If irritation persists, get medical attention.

Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult and get medical attention.

Ingestion: DO NOT induce vomiting. Get immediate medical attention.

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin and respiratory conditions.

Section VII – Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove ignition sources, soak up with inert absorbent and place into container for disposal.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal EPA regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from heat, flames and sparks. Avoid direct contact with product and use only in well ventilated area.

OTHER PRECAUTIONS: Wash hands well with soap and water after use.

Section VIII – Control Measures

RESPIRATORY PROTECTION (Specify Type): A NIOSH approved vapor canister may be used to maintain vapor concentration below TLV.

VENTILATION:

Local Exhaust: To maintain vapor concentration below TLV.

Mechanical (General): As needed.

PROTECTIVE CLOTHING OR EQUIPMENT: Safety glasses/goggles with side shields, rubber gloves and apron to protect skin and clothing.

WORK/HYGIENIC PRACTICES: Wash hands with soap and water after use. Launder contaminated clothing before reuse. Contaminated leather goods should be disposed of as contaminated waste.

Section IX - Regulatory Information

HMIS – RATING: HEALTH-1 FLAMMABILITY-3 REACTIVITY-0

TSCA 8(b) Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12(b) Export Notification: n-Heptane (CAS 142-82-5)

Shipping Information:

DOT: Consumer Commodity ORM-D

IATA: If less than 30 Kg per box, Consumer Commodity, ID 8000, Class 9 label.

IMO: Flammable liquid, N.O.S. (contain Heptane), 3, UN1993, II.

Section X - 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.