

Material Safety Data Sheet: MAG-JEL

Supersedes Date 08/23/2007

Issuing Date 03/31/2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MAG-JEL
Recommended use Welding jelly
Information on Manufacturer
 Partsmaster, Div of NCH Corp.
 P.O. Box 655326
 Dallas, TX 75265-5326

Product Code 50100000
Chemical nature Mixture
Emergency Telephone Number
 CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
 CAUTION
 May cause eye irritation
 May cause skin irritation
 Harmful if swallowed
 Keep out of reach of children

Color Red	Physical State Solid Gel Consistency	Odor Odorless
Potential Health Effects		
Principle Route of Exposure	Eye contact, Inhalation, Skin contact.	
Primary Routes of Entry	None known	
Acute Effects		
Eyes	May cause eye irritation.	
Skin	May cause skin irritation.	
Inhalation	(Mist). May cause irritation of respiratory tract.	
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.	
Chronic Toxicity	Prolonged or repeated inhalation may cause damage to the lungs. Prolonged skin contact may defat the skin and produce dermatitis.	
Target Organ Effects	Respiratory system	
Aggravated Medical Conditions	No information available	
Potential Environmental Effects	See Section 12 for additional Ecological information.	

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Petrolatum	8009-03-8
Poloy	9003-13-8

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact	Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation	Move to fresh air.
Ingestion	Rinse mouth. Do NOT induce vomiting. If symptoms persist, call a physician.
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flash Point 440 °F / 227 °C	Method Cleveland closed cup
Autoignition Temperature No information available.	
Upper No data available	Lower No data available
Suitable Extinguishing Media Carbon dioxide (CO2). Dry chemical. Foam. Water spray.	
Specific hazards arising from the chemical The product causes burns of eyes, skin and mucous membranes	
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 1 Instability 0
HMIS Health 1	Flammability 1 Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation
Environmental Precautions	Prevent further leakage or spillage if safe to do so

Methods for Containment	No information available
Methods for Cleaning Up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Ensure adequate ventilation			
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place			
Storage Temperature	Minimum	32 °F / 0 °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
Petrolatum	5 mg/m ³ as oil mist	10 mg/m ³ as oil mist	No data available
Poloy	No data available	No data available	No data available

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Not required under normal use.

Skin Protection

For prolonged or repeated contact, use protective gloves

Respiratory Protection

In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice . Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid Gel Consistency	Viscosity	Semi-Solid
Color	Red	Odor	Odorless
Appearance	Opaque	pH	Not applicable
Specific Gravity	0.88	Evaporation Rate	No data available
Percent Volatile (Volume)	No information available	VOC Content (%)	No information available
Vapor Pressure	No information available	Vapor Density	No information available
Solubility	Negligible	Melting Point/Range	130 °F / 54 °C
Boiling Point/Range	>650 °F		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	None known
Incompatible Products	Strong oxidizing agents
Hazardous Decomposition Products	None under normal use
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

Component Information

Acute Toxicity No information available

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Petrolatum	no data available	= 3600 mg/kg (Rabbit)	no data available	no data available	no data available
Poloy	= 9100 mg/kg (Rat)	= 21200 µL/kg (Rabbit)	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Petrolatum	no data available	no data available	no data available	no data available	no data available
Poloy	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Petrolatum	not applicable	not applicable	not applicable	not applicable	not applicable
Poloy	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information No information available.

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Petrolatum	no data available	no data available	no data available	no data available	N/A
Poloy	no data available	no data available	no data available	no data available	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated
TDG Not regulated
ICAO Not regulated
IATA Not regulated
IMDG/IMO Not regulated

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 does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

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

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Petrolatum	Not applicable	Not applicable
Poloy	Not applicable	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

D2B Toxic materials



16. OTHER INFORMATION

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Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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