



SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: **Meglumine Solution**

Product type: solution of meglumine in water

Restriction of use: None identified

Company Address: Adhesives and Chemicals
131 Brown Street
Yatesville, PA 18640

Telephone numbers: 570-654-6735

Transport Emergency phone: Chemtrec 800-424-9300

Medical Emergency phone: Poison Control Center 1.877.671.4608

2. HAZARDS IDENTIFICATION

GHS Signal Word: Danger

GHS Pictograms:



GHS Hazard Statement:

3.1 - Acute toxicity (oral) and acute toxicity (dermal), hazard category 3, H301 Toxic if swallowed

3.1 - Acute toxicity (oral) and acute toxicity (dermal), hazard category 3, H311 Toxic in contact with skin

3.1 - Acute toxicity (oral) and acute toxicity (dermal), hazard category 4, H312 Harmful with contact to the skin

3.2 - Skin corrosion/irritation, Hazard Category 2, H315 Causes skin irritation
3.3 - Serious eye damage/eye irritation, Hazard Category 1, H318 Causes serious eye damage

3.3 - Serious eye damage/eye irritation, Hazard Category 2, H319 Causes serious eye irritation

3.8 - Specific target organ toxicity - Single exposure, Hazard Category 3, Respiratory tract irritation, H335 May cause respiratory irritation

3.6 - Carcinogenicity, Hazard Category 2,H351 Suspected of causing cancer

3.7- Reproductive toxicity, Hazard Category 1 A, 1 8,H360D May damage unborn child

3.7- Reproductive toxicity, Hazard Category 1 A, 1 8,H360FD May damage the unborn child. May damage fertility.

EMERGENCY OVERVIEW

Caution! The toxicological properties of this material have not been fully investigated. May cause eye and skin irritation. May cause respiratory and digestive tract irritation. Target Organs: None.

POTENTIAL HEALTH EFFECTS

Eye:

May cause eye irritation. The toxicological properties of this material have not been fully investigated.

Skin:

May cause skin irritation. The toxicological properties of this material have not been fully investigated.

Ingestion:

May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

Inhalation:

May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic:

No information found.

Medical conditions aggravated by exposure:

Pre-existing eye and skin disorders may be aggravated by exposure to this material.

FIRST AID MEASURES

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

Skin:

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

3. COMPOSITION INFORMATION ON INGREDIENTS

| COMPONENT | C.A.S. NO | % | EXPOSURE LIMITS (ppm) | | | | | |
|-----------|-----------|-------|-----------------------|-----------------------|----------------------|-------|----|----|
| | | | OSHA PEL TWA STEL | ACGIH TLV TWA STEL | MAN. REC TWA STEL | LIMIT | | |
| Meglumine | 6284-40-8 | <41.0 | NE | NE | NE | NE | NE | NE |
| Water | 7732-18-5 | <61.0 | NE | NE | NE | NE | NE | NE |

4. FIRST AID MEASURES

Eye:

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin:

Flush skin with plenty of water. Remove contaminated clothing. Wash clothing before reuse.

Inhalation:

If inhaled, move to fresh air. Consult physician

Ingestion:

If swallowed, contact the poison control center.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point: None

Special Fire Fighting Procedures

Water from fog nozzles may be used to cool closed containers to prevent pressure build-up when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Avoid prolonged contact with skin. Remove with inert absorbent. May cause slippery floors. Minor spills may be cleaned with water. Spills may be reportable to the National Response Center 800-424-8802. For disposal see Section 13.

7. HANDLING AND STORAGE

Mix before using. Do not get in eyes, on skin, or on clothing. Mix and use in well ventilated area. Keep from freezing.

8. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------|--------------|--------------------|-----------|
| Appearance: | Clear liquid | Weight per Gallon: | 8.3 - 8.5 |
| Percent Volatile: | >60 | Vapor Pressure: | NE |
| Odor: | Slight | pH: | 10.5 - 12 |
| Solubility in Water: | 40 | Vapor Density: | NE |
| Boiling Point: | 210 - 215 | | |

9. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:

Provide sufficient ventilation to keep below the exposure limits (see Section 2).

Respiratory Protection:

When respiratory protection is required, use a NIOSH/MSHA approved air-purifying respirator with organic-vapor cartridges. For emergency and unknown conditions, use an approved SCBA or positive-pressure airline with auxiliary self-contained air supply.

Skin Protection:

Use impervious, chemical resistant gloves. Do not use cotton or leather gloves. Wear long sleeved coveralls, which are provided clean daily.

Eye Protection:

Use chemical goggles or other safety eye wear providing splash protection.

10. STABILITY AND REACTIVITY

| | |
|--------------------------|--------------------------------|
| Stability: | Stable |
| Conditions to Avoid | Avoid acidic materials. |
| Hazardous Decomposition | Carbon dioxide and asphyxiants |
| Hazardous Polymerization | Will not occur |

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50

LD50 Oral - rat - > 5,000 mg/kg

LD50 Oral - rabbit - > 5,000

mg/kg

Inhalation LC50

no data available

Dermal LD50

no data available

Other information on acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1 is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1 is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1 is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater

12. ECOLOGICAL INFORMATION

Not established.

13. DISPOSAL CONSIDERATIONS

As a waste, this material is not considered a hazardous waste under EPA regulations.

Any disposal must comply with local, state and federal laws and regulations.

14. TRANSPORT INFORMATION

D.O. T. Shipping Information

Pending Test Results

IA TA Shipping Information

Pending Test Results

15. REGULATORY INFORMATION

SARA Title III and CERCLA Reportable Quantities:

Product Classification under Section 311 of SARA:

Acute (Yes), Chronic (No), Fire (No), Reactive (No), Pressure (No)

| <u>COMPONENT</u> | <u>C.A.S.NO</u> | <u>RQ (lbs)</u> | <u>TPQ (lbs)</u> | <u>SARA 313</u> |
|------------------|-----------------|-----------------|------------------|-----------------|
| Water | 7732-18-5 | <61.0 | | NO |
| Meglumine | 6284-40-8 | <41.0 | | NO |

Toxic Substances Control Act (TSCA):

The ingredients of this product are all on the TSCA Inventory List.

This product contains no TSCA 12b listed chemicals.

California Proposition 65: None

Canada DSL and WHMIS:

This product contains component listed on the Canadian Domestic Substance List and/or the Non-Domestic Substances List.

16. OTHER INFORMATION

NFPA HAZARD RATING (National Fire Protection Association)

Health: Fire: 0 React.: 1 Special: 0

HMIS HAZARD RATING

Health: 1 Fire: 0 React.: 1 Special: 0

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Information in Section 15, Regulatory Information, is intended to be as complete as possible. It is ultimately the user's responsibility, however, to determine and comply with all applicable requirements under international, federal, state, and local laws in the use of this product. Adhesives and Chemicals assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.