

Precautionary Statements - Storage

Store in well ventilated place. Store in closed container.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Chelating Agent (Exposure limits shown are for sodium hydroxide)	Trade Secret	1-5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Skin Contact	Wash thoroughly with soap and water. Wash contaminated clothing before reuse. If irritation persists contact a physician.
Eye Contact	Immediately flush eyes with large quantities of water for at least 15 minutes, periodically lifting upper and lower lids to ensure washing of entire surface. Seek medical attention.
Inhalation	Remove to fresh air. Get medical attention if irritation persists.
Ingestion	Give large quantities of water. Do not give anything by mouth to an unconscious person. If vomiting occurs spontaneously keep head below hips to prevent aspiration. Get medical attention.

Indication of any immediate medical attention and special treatment needed

Note to physicians	None
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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Suitable for adjacent fire

Protective equipment and precautions for firefighters

Use protective equipment and clothing suitable for adjacent fire.

6. ACCIDENTAL RELEASE MEASURES

Methods and material for containment and cleaning up

Methods for containment & cleaning up

For small spills, absorb spillage with clay or other suitable absorbent and put in a container for disposal. For large spills, contain spill to prevent entering sewer or waterway and pump to a suitable holding container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

FOR INDUSTRIAL USE ONLY. Avoid skin and eye contact by wearing protective equipment and clothing. KEEP OUT OF REACH OF CHILDREN. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Store closed containers in cool, well-ventilated area. Do not store in metal containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

CHEMICAL NAME	ACGIH TLV	OSHA PEL
Chelating Agent	2M,C	2M,C

Appropriate engineering controls

Engineering Controls Use in well-ventilated area.

Individual protection measures, such as personal protective equipment

Eye/face protection	Safety glasses, chemical splash goggles preferred.
Skin and body protection	PROTECTIVE GLOVES: Chemically impervious
Respiratory protection	When exposure limits are exceeded, use of a NIOSH/MSHA approved organic vapor, dust/mist respirator is recommended.
Additional Measures	Safety shower, eye bath and washing facilities should be available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Blue liquid
Color	Blue
Odor	Lemon

Property Values

SPECIFIC GRAVITY (water=1)	1.013
FLASH POINT	None (Tag Closed Cup)
STABILITY	Stable
BOILING POINT (F)	>212
FREEZE POINT (F)	< 32
VAPOR PRESSURE (mmHg)	ND
VAPOR DENSITY (air=1)	>1
SOLUBILITY IN WATER	Complete
PERCENT VOLATILE BY VOLUME (%)	94
EVAPORATION RATE (butyl acetate=1)	<1
pH (AS RECEIVED)	7.0

10. STABILITY AND REACTIVITY

Hazardous polymerization

Will not occur

Conditions To Avoid

Do not store in metal containers.

Incompatible Materials

Strong oxidizers

Hazardous Decomposition Products

Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Eyes, Inhalation, Skin

Product Information

Skin Contact	Moderate skin irritation
Eye Contact	Moderate eye irritation
Inhalation	Respiratory support
Ingestion	Medical attention immediately

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity OSHA: No ACGIH: NTP: IARC: OTHER:

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 -Not classifiable as a human carcinogen

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Medical Condition Aggravated Respiratory and skin problems such as open cuts or sores.

Acute Health Hazards Mild to moderate eye irritation producing redness and stinging. May produce some degree of skin irritation. Breathing concentrated vapors or mists may produce irritation of the respiratory system and coughing.

Chronic Health Hazards Chelating agent components have caused birth defects in laboratory animals, but only at exaggerated doses that were toxic to the mother.

12. ECOLOGICAL INFORMATION

Soil Mobility

No further relevant information available

Biodegradability

No further relevant information available

Bioaccumulation

No further relevant information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT

DOT SHIPPING NAME: None
DOT CLASSIFICATION: None
DOT LABELS: None
UN NUMBER: None

15. REGULATORY INFORMATION**SARA 313**

None

SARA 311/312 Hazard Categories

Immediate-Health

US State Regulations

N/A

16. OTHER INFORMATION**Codes and Abbreviations:**

0- Insignificant	NA- NOT APPLICABLE	p-PPM
1- Slight	NE- NOT ESTABLISHED	M-mg/M3
2- Moderate	ND- NOT DETERMINED	c-Ceiling
3- High	UNK- UNKNOWN	STEL- SHORT TERM
4- Extreme	PEL- PERMISSIBLE	EXPOSURE LIMIT
	EXPOSURE LIMIT	TLV- Threshold Limit Value

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Revision Date

Revision Note

N/A = Not Applicable; N/D = Not Determined

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet