

Material Safety Data Sheet

Quick Identifier: Reducer 38472

Manufacturer:
Eastman Chemical Co.
Kingsport, TN 37662

Hazard Ratings: Health 2
Flammability 2
Reactivity 0

Section I

Distributors: Imtran	Information: Tel: 800-EASTMAN
Address: 39 Shelley Road	Tel: 978-372-3443 (Imtran)
City/State/Zip: Haverhill, MA 01835	Fax: 978-372-9817
Prepared by: Eastman Health, Safety, and Environmental Services	Date Prepared: 12/2/95

Section II Hazardous Ingredients

Hazardous Component(s) (Chemical & Common name(s))	OSHA PEL (ppm)	ACGIH TLV (ppm)	Other Exposure Limits (ppm)	Range (weight-%)	CAS-No.
2-butoxyethylacetate	n.e.	n.e.	25 ppm(TWA)	>50	112-07-2

The product does not contain any ingredients being classified toxic according to EU regulations

Section III Physical & Chemical Characteristics

Boiling Point 186°C (367°F)	Specific Gravity (H2O = 1) .94	Vapor Pressure (mbar) .39
Vapor Density 5.5	Heavier than air	VOC (ingredients with vapor pressure > 0.1 mbar) 940 g/l
Solubility In Water insoluble	Reactivity In Water none	
Appearance & Odor Clear liquid with mild odor		Melting Point -64.6°C (-84.3°F)

Section IV Fire & Explosion Data

Flash Point 71°C (160°F)	Method Used Closed cup	Flammable Limits In Air % by Volume	LEL (Lower) .88	UEL (Upper) 8.5
Auto-Ignition Temperature 340°C (645°F)	Extinguishing Media Chemical powder, foam, carbon dioxide			
Special Fire Fighting Procedures	Wear self-contained breathing apparatus and protective clothing. Foam in large quantities. Cool endangered containers with water.			
Unusual Fire & Explosion Hazards	Forms products of unknown stability. Classified as combustible. When pouring liquid from on container to another, keep both containers well grounded.			

Section V Physical Hazards (Reactivity Data)

Stability	Unstable () Stable (X)	Conditions To Avoid	May form peroxides of unknown stability.
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continued

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Incompatibility (Materials to Avoid) Strong oxidizers
Hazardous Decomposition Products Carbon dioxide, Carbon monoxide
Hazardous Polymerization May Occur () Conditions To Avoid
Will Not Occur (X)

Section VI Health Hazards

General: May cause blood disorders based on animal data. May cause kidney damage based on animal data.

Inhalation: Harmful if inhaled.

Eyes: Low hazard for usual industrial or commercial handling by trained personnel.

Skin: Harmful if absorbed through skin.

Ingestion: Expected to be a low hazard.

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program ()Yes (X)No I.A.R.C. Monographs ()Yes (X)No OSHA ()Yes (X)No ACGIH ()Yes (X)No

Emergency & First Aid Procedures **Routes of Entry:**
Inhalation Fresh air supply.
Eyes Rinse immediately with plenty of water. See a physician for medical treatment.
Skin Wash immediately with soap and water.
Ingestion Call medical assistance.

Section VII Special Precautions & Spill/Leak Procedures

Precautions To Be Taken In Handling & Storage Use only with skin and eye protection. Keep away from ignition sources. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke during handling. Do not empty into drains.
Steps To Be Taken In Case Material Is Released Or Spilled Remove sources of ignition and ventilate polluted area. Take up remnants with liquid-binding material like sand, kieseguhr, etc. All spills should be cleaned up immediately.
Waste Disposal Methods (Consult Federal, State & Local Regulations) Follow federal, state and local regulations to dispose of or incinerate waste material.

Section VIII Special Protection Information/Control Measures

Respiratory Protection (Specific Type) Use sufficient ventilation to keep vapor concentration below TLV-value.
Ventilation Local Exhaust (yes) Mechanical (general) Special --- Other ---
Protective clothing Chemical resistant gloves (rubber)
Eye Protection Chemical resistant and splash-proof safety goggles, face shield.
Other Protective Clothing or Equipment Chemical resistant boots, protective clothing appropriate for exposure risk.
Work/Hygienic Practices Do not eat, drink or smoke during handling. Remove contaminated clothing.

The information contained herein is based on technical data believed to be reliable. However, since the conditions under which this information may be applied are beyond our control, we can assume no liability for results of its application.