This brief provides a general overview of the **Safety Data Sheet** requirements in the Hazard Communication Standard OSHA's 29 CFR 1910.1200(g) and Appendix D of 29 CFR 1910.1200).

Section 1 ~ Identification

Identity (As Used On Label and List) **G3322 POLY SOLV**	**Date Prepared:** 11/10/23
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	**Emergency Telephone Number:** 1-800-424-9300
Address (Number, Street, Suite/Apt#) 1133 WEST 27TH STREET	**Telephone Number for Information:** 1-800-571-7347
(City, State, and Zip Code) CHEYENNE, WY 82001	**Signature of Prepare (Optional)** REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classifications

GHS-US classification
Met. Corr. 1 May be corrosive to metals
Skin Corr. 1A Causes severe skin burns and eye damage
Eye Dam. 1 Causes serious eye damage

Label Elements

Signal Word: **DANGER**

Hazard Statement

May be corrosive to metals
Causes severe skin burns and eye damage

Precautionary Statement

Keep only in original container
Do not breathe vapors, spray, mist
Wash hands thoroughly after handling
Wear eye protection, protective gloves
If swallowed: rinse mouth. Do NOT induce vomiting
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
If inhaled: Remove person to fresh air and keep comfortable for breathing
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a doctor
Specific treatment (see First Aid measures on this label)
Wash contaminated clothing before reuse
Absorb spillage to prevent material damage
Store locked up
Dispose of contents/container to an approved waste disposal plant

Other Hazards

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

Section 3 ~ Composition/Information on Ingredients

Substance: Not applicable

Mixture

Name	**Product identifier**	**%**	**GHS-US classification**
2-aminoethanol, conc>=85%, aqueous solutions	(CAS No) 141-43-5	5 - 15	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Eye Dam. 1, H318
Sodium Hydroxide Skin Corr. 1A, H314	(CAS No) 1310-73-2	0.98 - 3.92	Met. Corr. 1, H290

Full text of H-statements: see section 16

Section 4 ~ First Aid Measures

Description of first aid measures

First-aid measures after inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Causes severe skin burns and eye damage.
Symptoms/injuries after eye contact: Causes serious eye damage.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5 ~ Firefighting Measures

Extinguishing media
No additional information available

Special hazards arising from the substance or mixture
Reactivity: Corrosive vapours.

Advice for firefighters
No additional information available

Section 6 ~ Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
For non-emergency personnel: No additional information available
For emergency responders: No additional information available

Environmental precautions
No additional information available

Methods and material for containment and cleaning up
Methods for cleaning up: Absorb spillage to prevent material damage.

Reference to other sections
No additional information available

Section 7 ~ Handling and Storage

Precautions for safe handling
Additional hazards when processed: May be corrosive to metals.
Precautions for safe handling: Do not breathe vapours, spray, mist. Avoid contact during pregnancy/while nursing.
Hygiene measures: Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities
Technical measures: Comply with applicable regulations.
Packaging materials: Store in corrosive resistant container with a resistant inner liner.

Section 8 ~ Exposure Controls/Personal Protection

Control parameters

2-aminoethanol, conc>=85%, aqueous solutions (141-43-5)		
ACGIH	Remark (ACGIH)	Eye & skin irr
OSHA	OSHA PEL (TWA) (mg/m³)	6 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	3 ppm

Sodium Hydroxide (1310-73-2)		
ACGIH	ACGIH Ceiling (mg/m³)	2 mg/m³
ACGIH	Remark (ACGIH)	URT, eye, & skin irr
OSHA	OSHA PEL (TWA) (mg/m³)	2 mg/m³

Exposure controls

Personal protective equipment: Gloves. Safety glasses.

Eye protection: Chemical goggles or face shield.
Skin and body protection: Wear suitable protective clothing.

Section 9 ~ Physical and Chemical Properties

Information on basic physical and chemical properties
Physical state: Liquid
Color: Mixture contains one or more component(s) which have the following color(s):Colorless On exposure to air: yellow-brown
Odor: Characteristic
Odor threshold: No data available
pH: 12.9-13.2
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Relative evaporation rate (butylacetate=1): No data available
Flammability (solid, gas): No data available
Explosive limits: No data available
Explosive properties: No data available
Oxidising properties: No data available
Vapor pressure: No data available

Relative density: 1.018
Relative vapor density at 20 °C: No data available
Solubility: Complete
Log Pow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available

Other information
No additional information available

Section 10 ~ Stability and Reactivity

Reactivity: Corrosive vapors.
Chemical stability: No additional information available
Possibility of hazardous reactions: No additional information available
Conditions to avoid: No additional information available
Incompatible materials: May be corrosive to metals.
Hazardous decomposition products: Thermal decomposition generates: Corrosive vapours.

Section 11 ~ Toxicological Information

Information on toxicological effects
Acute toxicity: Not classified

2-aminoethanol, conc>=85%, aqueous solutions (141-43-5)	
LD50 oral rat	> 1720 mg/kg (Rat)
LD50 dermal rabbit	> 1018 mg/kg (Rabbit)
ATE US (oral)	500.000 mg/kg bodyweight
ATE US (dermal)	1100.000 mg/kg bodyweight
ATE US (gases)	4500.000 ppmv/4h
ATE US (vapours)	11.000 mg/l/4h
ATE US (dust,mist)	1.500 mg/l/4h

Skin corrosion/irritation: Causes severe skin burns and eye damage.
Serious eye damage/irritation: Causes serious eye damage.
Respiratory or skin sensitisation: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): Not classified
Aspiration hazard: Not classified
Symptoms/injuries after eye contact: Causes serious eye damage.

Section 12 ~ Ecological Information

Toxicity

2-aminoethanol, conc>=85%, aqueous solutions (141-43-5)	
LC50 fish 1	150 mg/l (LC50; 96 h)
EC50 Daphnia 2	120 - 140 mg/l (LC50; 24 h)
Threshold limit algae 2	35 mg/l (EC50; 72 h)

Persistence and degradability

2-aminoethanol, conc>=85%, aqueous solutions (141-43-5)	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the components available. Not established.
Biochemical oxygen demand (BOD)	0.80 g O_2/g substance
Chemical oxygen demand (COD)	1.34 g O_2/g substance
ThOD	2.49 g O_2/g substance
BOD (% of ThOD)	0.32

Sodium Hydroxide (1310-73-2)	
Persistence and degradability	Not established.

Bioaccumulative potential

2-aminoethanol, conc>=85%, aqueous solutions (141-43-5)	
Log Pow	-1.91
Bioaccumulative potential	Bioaccumulation: not applicable. Not established.

Sodium Hydroxide (1310-73-2)	
Bioaccumulative potential	Not established.

Mobility in soil
No additional information available

Other adverse effects
Effect on the global warming: No known ecological damage caused by this product.

Section 13 ~ Disposal Considerations

Waste treatment methods
Waste disposal recommendations: Dispose of contents/container to an approved waste disposal plant

Section 14 ~ Transportation Information

Department of Transportation (DOT)

In accordance with DOT
Transport document description (Bulk shipments): UN2491 Ethanolamine solutions, 8, III
UN-No.(DOT): UN2491
Proper Shipping Name (DOT): Ethanolamine solutions
Transport hazard class(es) (DOT): 8 - Class 8 - Corrosive material 49 CFR 173.136
Hazard labels (DOT): 8 – Corrosive LTD QTY- Limited Quantity

Packing group (DOT): III - Minor Danger
DOT Packaging Non Bulk (49 CFR 173.xxx): 203
DOT Packaging Bulk (49 CFR 173.xxx): 241
DOT Packaging Exceptions (49 CFR 173.xxx): 154
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75): 60 L
DOT Vessel Stowage Location: A - The material may be stowed ''on deck'' or ''under deck'' on a cargo vessel and on a passenger vessel.
DOT Vessel Stowage Other: 52 - Stow ''separated from'' acids
Other information: No supplementary information available.

TDG
No additional information available

Transport by sea
UN-No. (IMDG): 2491
Proper Shipping Name (IMDG): ETHANOLAMINE SOLUTION
Class (IMDG): 8 - Corrosive substances
Packing group (IMDG): III - substances presenting low danger

Air transport
UN-No. (IATA): 2491
Proper Shipping Name (IATA): Ethanolamine solution
Class (IATA): 8 - Corrosives
Packing group (IATA): III - Minor Danger

Section 15 ~ Regulatory Information

US Federal regulations

POLY OFF
Not listed on the United States TSCA (Toxic Substances Control Act) inventory
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Caustic Soda (1310-73-2)	
Not subject to reporing requirements of the United States SARA Section 313	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	1000 lb

International regulations
CANADA: No additional information available
EU-Regulations: No additional information available
National regulations: No additional information available

US State regulations
California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

MEA 2-aminoethanol, conc>=85%, aqueous solutions (141-43-5)
U.S. - New Jersey - Right to Know Hazardous Substance List

Caustic Soda (1310-73-2)
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Section 16 ~ Other Information

Full text of H-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
H290	May be corrosive to metals
H302	Harmful if swallowed
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H332	Harmful if inhaled

	NFPA	**HMIS**	Key	
HEALTH	3	3	4=	Severe
FLAMMABILITY	0	0	3=	Serious
REACTIVITY	1		2=	Moderate
PHYSICAL HAZARD		1	1=	Slight
PROTECTIVE EQUIPMENT		B	0=	Minimal

End of Safety Data Sheet