

SAFETY DATA SHEETS

This SDS packet was issued with item:

071900885

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

078777959

MATERIAL SAFETY DATA SHEET

CETYLITE® INDUSTRIES, INC.

9051 River Road
Pennsauken, NJ 08110-0700
Phone: 856-665-6111

Hazard Rating (NFPA 704)

Health	1	0=Least
Fire	0	1=Slight
Reactivity	0	2=Moderate
Special	none	3=High
		4=Extreme

EFFECTIVE DATE: 03/08/12

SECTION 1 - IDENTIFICATION

PRODUCT NAME: Hyde-Out Aldehyde Neutralizer
MAIN HAZARDOUS
CHEMICAL INGREDIENTS
**OSHA
PEL**
**ACGIH
TLV**
CAS #

Glycine

none

none

56-40-6

Sodium Hydroxide

none

none

1310-73-2

Note: Substances listed as hazardous ingredients are those identified as being present at a concentration of 1% or greater, or 0.1% if the substance is classified and listed as a potential carcinogen by OSHA Hazard Communication Standard.

SECTION 2 - PHYSICAL DATA

BOILING POINT:

Not determined.

VAPOR PRESSURE AT 20°C:

Not determined.

VAPOR DENSITY (air=1):

Not determined.

SPECIFIC GRAVITY (H₂O=1):

Not determined.

SOLUBILITY IN WATER by wt:

Very soluble.

MELTING POINT:

N/A

EVAPORATION RATE (Butyl Acetate=1):

Not determined.

FREEZING POINT:

Not determined.

APPEARANCE AND ODOR:

liquid, off-white color.

Note: Mixture not tested as a whole.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT(test method(s)): Not determined.
FLAMMABLE LIMITS IN AIR(% by volume): **LOWER:** Not determined
UPPER: Not determined.
EXTINGUISHING MEDIA: CO₂; dry chemical; alcohol foam; water spray.
SPECIAL FIREFIGHTING PROCEDURES: Keep container and nearby structures cool with water spray. Wear positive-pressure, self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Toxic fumes may be released.

SECTION 4 - REACTIVITY DATA

STABILITY: Stable under normal storage conditions.
INCOMPATIBILITY (materials to avoid): Strong oxidizing agents; prolonged exposure to heat.
HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides; carbon monoxide; ammonia.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 5 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
 Contain spilled material. Transfer to secure containers. Use suitable absorbent materials.
WASTE DISPOSAL METHOD: Remove to permitted waste disposal facility or an approved incinerator in accordance with local, state and federal requirements. Empty container shall be rinsed before disposal.

SECTION 6 - HEALTH HAZARD DATA (Symptoms of Overexposure)

EYE CONTACT: Corrosive. May act as an allergen. Prolonged contact may cause corneal burns.
SKIN ABSORPTION: Corrosive. May act as an allergen.
INGESTION: May cause irritation of digestive tract, dizziness and nausea.
INHALATION: Will cause irritation of mucous membranes, coughing and shortness of breath.
SKIN CONTACT: Brief contact will cause itching with mild to moderate local redness and possibly swelling. Prolonged contact may result in pain, severe redness and swelling, with ulceration, tissue destruction, and possibly bleeding into the inflamed area.
SYSTEMIC AND OTHER EFFECTS: None reported.

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

EYES: Irrigate immediately with water for at least 15 minutes. Obtain medical advice of an ophthalmologist without delay.
SKIN: Wash off with soap and water. If irritation persists, seek medical advice.
INGESTION: If conscious drink water. Call a physician.
INHALATION: Remove to fresh air if effects occur. Get medical attention.

SECTION 8 - HANDLING PRECAUTIONS

EXPOSURE GUIDELINE(S): None established.
VENTILATION: Good general ventilation should be adequate.
RESPIRATORY PROTECTION (specify type): If respiratory irritation is experienced, use an approved air-purifying respirator with particulate/organic vapor cartridge.

PROTECTIVE GLOVES: Use impervious rubber gloves when prolonged or repeated contact could occur. Wash contaminated clothing before reuse.

EYE PROTECTION: Use goggles or safety glasses with eye shields.

SECTION 9 - ADDITIONAL INFORMATION

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING: Store in a cool, dry, well ventilated place away from heat, open flames and incompatible materials. Keep container tightly closed when not in use. Do not reuse empty container. Avoid repeated skin contact and eyes exposure. Do not permit eating, drinking or smoking near material.

EPA-EPCRA - Section 313 (Listed Chemical): NONE

DISCLAIMER:

The information herein given was derived solely from the main hazardous chemical ingredients MSDS on file at the time of this MSDS preparation. The information is given in good faith but no warranty, express or implied to the accuracy, completeness or adequacy of the information contained in this MSDS is made. We assume no warranties of fitness or liability from the use of this product. Since the conditions for use, handling, storage and disposal of this product are beyond Cetylite control, users should make their own investigations to determine the suitability of the information for their particular purposes. Users assume liability for damage, or expense arising out of product's improper use. Various Federal, State or Provincial agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.

**SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: **Hyde-Out Aldehyde Neutralizer**
 CHEMICAL NAME: Mixture
 U.N. NUMBER: None
 U.N. DANGEROUS GOODS CLASS: Non-Regulated Material
 SUPPLIER/MANUFACTURER'S NAME: **Cetylite Industries, Inc.**
 ADDRESS: 9051 River Road, Pennsauken, NJ 08110 USA
EMERGENCY PHONE: (800) 257-7740
 BUSINESS PHONE: (800) 257-7740 or (856) 665-6111
 FAX NUMBER: (856) 665-5408
 DATE OF PREPARATION: June 19, 2014
 DATE OF LAST REVISION: March 8, 2012

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This product is a off-white liquid with no odor. May cause serious eye damage. Harmful if swallowed. Irritating to skin and respiratory system.
 This product is a non-flammable liquid with a flash point >200°F (>93.3°C)
 The Environmental effects of this product have not been investigated. Release of this product is not anticipated to have significant adverse effects in the aquatic environment.

US DOT SYMBOLS

CANADA (WHMIS) SYMBOLS

EUROPEAN and (GHS) Hazard Symbols

Non-Regulated Material

Signal Word: **Warning!****EU LABELING AND CLASSIFICATION:****Classification of the substance or mixture according to Regulation (EC) No1272/2008 Annex 1****EC# 231-791-2 This substance are not classified in the Annex I of Directive 67/548/EEC****EC# 200-272-2 This substance are not classified in the Annex I of Directive 67/548/EEC****EC# 231-834-5 This substance are not classified in the Annex I of Directive 67/548/EEC****EC# 215-185-5 Annex I Index# 011-002-00-6****Substances not listed either individually or in group entries must be self classified.****Component(s) Contributing to Classification(s)**

All Ingredients

GHS Hazard Classification(s):

Eye Irritant Category 2

Skin Irritant Category 2

Hazard Statement(s):

H315: Causes skin irritation

H319: Causes serious eye irritation

Precautionary Statement(s):

P264: Wash hands thoroughly after handling

P280: Wear protective gloves/protective clothing/
eye protection/face protection**EU HAZARD CLASSIFICATION PER DIRECTIVE 1999/45/EC:**

[F] Flammable, [Xi] Irritant

Risk Phrases:

R36/38: Irritating to eyes and skin

Safety Phrases:S16: Keep away from sources of ignition – No
SmokingS26: In case of contact with eyes, rinse
immediately with plenty of water and seek
medical advice.S36/37: Wear suitable protective clothing and
gloves.

**HEALTH HAZARDS OR RISKS FROM EXPOSURE:**

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of overexposure for this product are by contact with skin or eyes, ingestion or inhalation. The symptoms of overexposure are described in the following paragraphs.

INHALATION: Inhalation of vapors/mist may cause irritation.

CONTACT WITH SKIN or EYES: Prolonged or repeated contact with skin may cause skin irritation with local redness. Eye contact may result in serious eye irritation.

INGESTION: Swallowing may result in irritation of the mouth, throat and gastrointestinal system.

CHRONIC: None known

TARGET ORGANS: **Acute:** Skin, eyes, respiratory tract **Chronic:** None known

SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	HAZARD CLASSIFICATION; RISK PHRASES
Water	7732-18-5	231-791-2	Not Listed	70 - 80%	HAZARD CLASSIFICATION: None RISK PHRASES: None
Glycine	56-40-6	200-272-2	Not Listed	10 - 20%	HAZARD CLASSIFICATION: [Xi] Irritant RISK PHRASES: R36
Dipotassium Phosphate	7758-11-4	231-834-5	Not Listed	1 - 5%	HAZARD CLASSIFICATION: [Xi] Irritant RISK PHRASES: R36/38
Sodium Hydroxide	1310-73-2	215-185-5	0360	<0.2%	HAZARD CLASSIFICATION: [Xi] Irritant RISK PHRASES: R36/38
Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).					

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives, Latin America, South America and the Japanese Industrial Standard *JIS Z 7250: 2000*.

SECTION 4 - FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to health professional with contaminated individual.

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Remove contact lenses if present. Seek medical attention if irritation persists.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops or persists. Remove contaminated clothing. Launder before re-use.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.

INGESTION: If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin, eye or respiratory problems may be aggravated by prolonged exposure to this product.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and reduce over-exposure.

SECTION 5 - FIRE-FIGHTING MEASURES

FLASH POINT: >200°F (>93.3°C)

**Hyde-Out Aldehyde Neutralizer****AUTOIGNITION TEMPERATURE:**

Not Established

FLAMMABLE LIMITS (in air by volume, %):Lower (LEL): Not Established Upper (UEL): Not Established**FIRE EXTINGUISHING MATERIALS:**

Dry chemical, foam, carbon dioxide or water fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known

HAZARDS:

No

Explosion Sensitivity to Mechanical Impact:

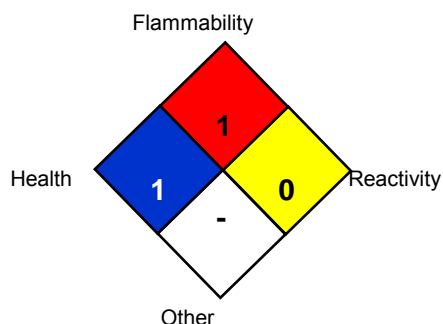
No

Explosion Sensitivity to Static Discharge:

No

SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM**HMIS RATING SYSTEM**

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)	1		
FLAMMABILITY HAZARD (RED)	1		
PHYSICAL HAZARD (YELLOW)	0		
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6 - ACCIDENTAL RELEASE MEASURES**SPILL AND LEAK RESPONSE:** Personnel should be trained for spill response operations.**SPILLS:** Contain spill if safe to do so. Always wear proper PPE. Prevent entry into drains, sewers, and other waterways. Soak up with an absorbent material and place in an appropriate closed container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).**SECTION 7 - HANDLING and STORAGE****WORK PRACTICES AND HYGIENE PRACTICES:** As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists/sprays generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.**STORAGE AND HANDLING PRACTICES:** Containers of this product must be properly labeled. Store containers in a cool, dry location. Keep container tightly closed when not in use. Store away from incompatible materials.**SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION****EXPOSURE LIMITS/GUIDELINES:**

Chemical Name	CAS#	ACGIH TWA	OSHA TWA
Water	7732-18-5	Not Listed	Not Listed
Glycine	56-40-6	Not Listed	Not Listed
Dipotassium Phosphate	7758-11-4	Not Listed	Not Listed



Sodium Hydroxide	1310-73-2	2 mg/m ³	2 mg/m ³
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Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation to control airborne mist/vapor/dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Splash goggles or safety glasses with side shields recommended where splashing is possible. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Compatible chemical resistant gloves recommended to prevent skin contact. Wash hands after removing gloves. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
APPEARANCE & ODOR:	This product is a off-white with no odor.
ODOR THRESHOLD (PPM):	Not Available
VAPOR PRESSURE (mmHg):	Not Available
VAPOR DENSITY (AIR=1):	Not Available
EVAPORATION RATE (nBuAc = 1):	Not Available
BOILING POINT (C°):	100°C
FREEZING POINT (C°):	<0°C
pH:	<11.5
SPECIFIC GRAVITY 20°C: (WATER =1)	Not Available
SOLUBILITY IN WATER (%)	Soluble
VOC:	Not Available
REFRACTIVE INDEX:	Not Available

SECTION 10 - STABILITY and REACTIVITY

STABILITY: Product is stable

DECOMPOSITION PRODUCTS: When heated to decomposition this product may contain carbon monoxide; carbon dioxide; and ammonia.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: Strong oxidizing and reducing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Contact with incompatible materials.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA: Toxicity data not available for mixture:

CAS# 7758-11-4: Dipotassium Phosphate

Acute Oral LD50: Rat >500 mg/kg

SUSPECTED CANCER AGENT: None of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore is not considered to be, nor suspected to be a cancer-causing agent by these



agencies.

IRRITANCY OF PRODUCT: Contact with this product can be irritating to exposed skin, eyes and respiratory system.

SENSITIZATION OF PRODUCT: This product contains ingredients that are not considered a skin and respiratory sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No Data Available

SECTION 12 - ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

ENVIRONMENTAL STABILITY: No Data available at this time.

EFFECT OF MATERIAL ON PLANTS or ANIMALS: No Data available at this time.

EFFECT OF CHEMICAL ON AQUATIC LIFE: No Data available at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, EU Member States and Japan.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER and DESCRIPTION: None

UN IDENTIFICATION NUMBER: None

PACKING GROUP: None

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): None

MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

SECTION 15 - REGULATORY INFORMATION**UNITED STATES REGULATIONS**

SARA REPORTING REQUIREMENTS: This product is subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: Yes Fire: No Reactivity: No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain ingredient(s) are on the California Proposition 65 list.



CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS:All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product is categorized as a Class D Division 2B materials causing other toxic effects, as per the Controlled Product Regulations

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU LABELING AND CLASSIFICATION:

Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed
Australian Inventory of Chemical Substances (AICS):	Listed
Korean Existing Chemicals List (ECL):	Listed
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed
Philippines Inventory of Chemicals and Chemical Substances (PICCS):	Listed
Swiss Giftliste List of Toxic Substances:	Listed
U.S. TSCA:	Listed

SECTION 16 - OTHER INFORMATION

PREPARED BY: Paul Eigbrett

GHS MSDS Compliance PLUS
www.ghsmstdscomplianceplus.com

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