SAFETY DATA SHEET

7/15/2015

One Shot Plus Intermediate

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name: Pariser Industries
Address : 91 Michigan Ave
Paterson, NJ 07503
Website : www.Pariserchem.com
Phone : 973-569-9090
Emergency Phone : 1-800-424-9300 (Chemtrec)
Chemtrec Contract : CCN16764

T : 973-569-9090
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Info@Pariserchem.com

Date Printed: 7/15/2015
Name of Preparer: Environmental Dept

Product Name: One Shot Plus Intermediate
CAS No. : Mixture
Product Form: Liquid
Trade Secret Registry # 307554-5740P

HMIS Codes:

H	F	R	P
2	0	0	B

UN Number:
UN1814
Recommended Use of Chemical: Industrial

SECTION 2 – HAZARDS IDENTIFICATION

Carcinogenicity:
NTP Carcinogen: No IARC Monographs: No OSHA Regulated: No

GHS Classification:





GHS Environmental Statements:
Acute Aquatic Toxicity (3)

GHS Health Statements:
Skin Corrosion (1A) Serious Eye Damage (1) Acute Toxicity Oral (4)

GHS Hazard Statements:
H302: Harmful if swallowed
H314: Causes severe skin burns and eye damage

GHS Precautionary Statements:
P260: Do not breathe dust/fume/gas/mist/vapours/spray
P264: Wash ... thoroughly after handling.
P270: Do not eat, drink or smoke when using this product
P280: Wear protective gloves/protective clothing/eye protection/face protection
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P310: Immediately call a POISON CENTER/doctor/…
P363: Wash contaminated clothing before reuse
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.
P330: Rinse mouth

GHS Signal Word: Danger

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Name of Chemical Contributing to Known Hazards:
POTASSIUM HYDROXIDE
ETHOXYLATED ALCOHOLS

Common Name of Chemical Contributing to Known Hazards:
Caustic Alkali

Name	Product Identifier (CAS No)	%
POTASSIUM HYDROXIDE	1310-58-3	10-20
ETHOXYLATED ALCOHOLS	78330-20-8	5-10

SECTION 4 – FIRST AID MEASURES

Emergency and First Aid Procedures

First – Aid Measures General:

Check the vital functions. Unconscious: Maintain adequate airway and respiration. Respiratory Arrest: Artificial respiration or oxygen. Cardiac Arrest: Perform resuscitation. Victim conscious with labored breathing: Half-seated. Victim in Shock: On his back with legs slightly raised. Vomiting: Prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: Doctor/Hospital. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label where possible).

First – Aid Measures after Inhalation:
Remove the victim into fresh air. Respiratory Problems: consult a doctor/medical service. Remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms continue seek medical attention.

First – Aid Measures after Skin Contact:
Wash immediately with lots of water (15 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Cover wounds with sterile bandage. Consult a doctor/medical service if required.

First – Aid Measures after Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

First – Aid Measures after Ingestion:
Rinse mouth with water. Immediately after ingestion: Give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Do not give chemical antidote. Immediately consult a doctor/medical service. Ingestion of large quantities: Go immediately to hospital.

Most Important Symptoms and Effects (Acute and Delayed)

Symptoms/Injuries after Inhalation:
Dry/sore throat. Coughing. Irritation of the respiratory tract and/or nasal mucous membranes. Delayed symptoms include possible laryngeal spasm/oedema. Risk of lung oedema. Respiratory difficulties.

Symptoms/Injuries after Skin Contact:
Caustic burns/corrosion of the skin. Slow healing wounds.

Symptoms/Injuries after Eye contact:
Permanant eye damage including blindness could result. Symptoms include stinging, tearing, redness, swelling, and blurred vision.

Symptoms/Injuries after Ingestion:
Vomiting, diarrhea, burns to the gastric/intestinal mucosa. Possible esphageal perforation. Bleeding of the gastrointestinal tract. Shock. In high quantities disturbances of conciousness could exist.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media:
Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO_2).

Unsuitable Extinguishing Media:
Do not use water jet as an extinguisher as this will spread the fire. Do not use halogenated extinguishing agent.

Hazards Arising From the Chemical:

Reacts with some metals. Gases hazardous to health may be formed. May decompose upon heating to produce corrosive and/or toxic fumes.

Advice for Firefighters

Precautionary Measures\Firefighting Instructions:
In case of fire and/or explosion do not breathe fumes. Cool tanks/drums with water spray. Remove them to safety if you can do so without risk. Use standard fire fighting procedures and consider hazards of other involved materials.

Special Protective Equipment:
Heat/fire exposure: Compressed air/oxygen apparatus.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Protective Equipment:
Gloves and Goggles. Wear additional appropriate protective equipment and clothing when necessary.

Emergency Procedures:
Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained.

Environmental Precaution:
Prevent soil and water pollution. Prevent spreading in sewers. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Containment:
Contain released substance, pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill.

Methods for Clean Up:
Take up liquid spill into absorbent material, e.g.: dry sand/earth or powdered limestone. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Wash away remainder with plentiful water. Damaged/cooled tanks must be emptied. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling:
Wear appropriate personal protective equipment. Open containers slowly, on a stable surface. Containers of this product must be properly labeled. Keep container tightly closed when not in use. Wash thoroughly after using this material. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged. Empy containers may contain residual materials, therefore, empty containers should be handled with care.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions:
Store in a dry area. Keep only in the original container in a cool, well ventilated place, away from direct sunlight and sources of intense heat. Keep container closed when not in use. Protect against freezing. Store away from incompatible materials. Provide for a tub to collect spills. Unauthorized persons are not admitted. If appropriate, post warning signs in storage and use areas. Meet the legal requirements.

Incompatible Materials & Products:
Strong Acids. Phosphorus. Oxidizers or Oxidizing Materials. Metals.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits: U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	CAS #	Type	Value
POTASSIUM HYDROXIDE	1310-58-3	Ceiling	2 mg/m3
POTASSIUM HYDROXIDE	1310-58-3	TWA	

Appropriate Engineering Controls:
Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.

Individual Protection Measures
Avoid all unnecessary exposure.

Personal Protective Equipment

Hand Protection:
Wear protective gloves.

Eye Protection:
Chemical goggles or face shield.

Skin and Body Protection:
Corrosion-proof clothing.

Respiratory Protection:
Wear appropriate mask.

Other Information:
Do not eat, drink, or smoke during use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color:	Clear yellow
Odor:	N/A
Odor Threshold:	No Data Available
pH:	12-13.5
Melting Point:	No Data Available
Freezing Point:	-27.4F (-33C) (45% soltuion)
Boiling Point:	271F (133C) (45% solution)
Boiling Point Range:	No Data Available
Flashpoint:	N/A
Evaporation Rate:	No Data Available
Flammability (Solid, Gas):	No Data Available
Explosive Limits:	No Data Available
Vapor Pressure:	No Data Available
Vapor Density @ 20C:	No Data Available
Specific Gravity:	9.409
Solubility:	Soluble in water
Partition Coefficient (n-octanol/water):	No Data Available
Auto-Ignition Temperature:	No Data Available

SECTION 10 – STABILITY AND REACTIVITY

Stability:
Stable under normal conditions

Possibility of Hazardous Reactions:
Contact with metal may release flammable hydrogen gas.

Conditions to Avoid:
Avoid contact with acids. Oxidizing agents. Contact with aluminum, zinc, copper, brass, and bronze.

Incompatibility (Materials to Avoid):
Strong Acids.
Phosphorus.
Oxidizers or Oxidizing Materials.
Metals.

Hazardous Decomposition Products:
Hydrogen gas

Hazardous Polymerization:
Will Not Occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Prolonged contact with the undiluted material may cause irritation.

1310-58-3	POTASSIUM HYDROXIDE	LD50 Oral	Rat	273 mg/kg

1310-58-3	POTASSIUM HYDROXIDE			

Carcinogenicity: Not Classified
Germ Cell Mutagenicity: Not Classified

Routes of Exposure/Symptoms of Exposure
Symptoms/Injuries after Inhalation:
Dry/sore throat. Coughing. Irritation of the respiratory tract and/or nasal mucous membranes. Delayed symptoms include possible laryngeal spasm/oedema. Risk of lung oedema. Respiratory difficulties.
Symptoms/Injuries after Skin Contact:
Caustic burns/corrosion of the skin. Slow healing wounds.
Symptoms/Injuries after Eye Contact:
Permanant eye damage including blindness could result. Symptoms include stinging, tearing, redness, swelling, and blurred vision.
Symptoms/Injuries after Ingestion:
Vomiting, diarrhea, burns to the gastric/intestinal mucosa. Possible esphageal perforation. Bleeding of the gastrointestinal tract. Shock. In high quantities disturbances of conciousness could exist.
Chronic Symptoms:
Prolonged exposure may cause chronic effects.

SECTION 12 – ECOLOGICAL

Ecotoxicity: Harmful to Aquatic Life

1310-58-3	POTASSIUM HYDROXIDE	LC50	Fish (Western mosquitofish)	80 mg/l, 96 hours
1310-58-3	POTASSIUM HYDROXIDE			

Persistence and Degradability: No Data Available.
Bioaccumulative Potential: Not expected to bioaccumulate.
Mobility in Soil:
Other Adverse Effects: Avoid release to the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method:
Dispose in an approved waste management facility. Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of the chemical materials and/or their containers in accordance with all Federal, State, Local, and National regulations regarding disposal. Do not discharge into surface water. Avoid release to the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since empty containers may contain product residue follow label warinings even after container is empty.

SECTION 14 – TRANSPORT INFORMATION

DOT:

UN Number:	UN1814
UN Proper Shipping Name:	POTASSIUM HYDROXIDE SOLUTION
Transport Hazard Class:	8
Subsidiary Hazard Class(es):	
Packaging Group:	II
Special Precautions/Provisions:	49CFR Parts 100-185, Emergency Response Guidebook #154

SECTION 15 – REGULATORY INFORMATION

US Federal Regulations

CERCLA Hazardous Substance List (40 CFR 302.4): Listed
DOT: 49CFR Parts 100-185
SARA 302 (Extremely Hazardous Substance): No
SARA 311/312 Hazardous Chemical: Yes
SARA 313 (TRI reporting): No

SECTION 16 – OTHER INFORMATION

Date of Preparation of SDS/Date of Last Change: July 15, 2015

Disclaimer:
The information in this SDS was obtained from current and reliable sources, and to the best knowledge of Pariser Industries is deemed to be accurate. However, the data is provided without any warranty, expressed or implied, regarding its correctness and accuracy. Since the conditions for use, handling, storage, and disposal of this product are beyond the control of Pariser Industries, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or expense arising out of the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement of omission in this SDS. Various government agencies (e.g. DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product, which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.