SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixtures
Product Name: Potassium Hydroxide Pellets, ACS, NF
Product Code: Group Code – 14

Intended Use of the Product

Food and Pharmaceutical Ingredient. Food additive, acid neutralization, industrial use.

REACH Registration number: 01-2119487136-33-0055

Name, Address, and Telephone of the Responsible Party

Manufacturer
CHEMTRADE LOGISTICS INC.
155 Gordon Baker Road
Suite 300
Toronto, Ontario M2H 3N5
For SDS Info: (416) 496-5856
www.chemtradelogistics.com

Emergency Telephone Number

Emergency Number : Canada: CANUTEC +1-613-996-6666 / US: CHEMTREC +1-800-424-9300
INTERNATIONAL: +1-703-741-5970
Chemtrade Emergency Contact: (866) 416-4404
For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC – Day or Night

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification

Met. Corr. 1 H290
Acute Tox. 4 (Oral) H302
Skin Corr. 1A H314
Eye Dam. 1 H318

Full text of hazard classes and H-statements : see section 16

Label Elements

GHS Labeling

Hazard Pictograms : 

Signal Word : Danger

Hazard Statements : 
H290 - May be corrosive to metals
H302 - Harmful if swallowed
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage

Precautionary Statements : 
P234 - Keep only in original container.
P260 - Do not breathe dust.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves, protective clothing, and eye protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.
Rinse skin with water.
Potassium Hydroxide Pellets, ACS, NF
Safety Data Sheet

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - 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 or doctor.
P321 - Specific treatment (see section 4 on this SDS).
P330 - Rinse mouth.
P363 - Wash contaminated clothing before reuse.
P390 - Absorb spillage to prevent material damage.
P405 - Store locked up.
P406 - Store in corrosive resistant container with a resistant inner liner.
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Other Hazards
This product is a strong base with a pH of 14 (5% solution). Never pour water into this substance; when dissolving or diluting always add it slowly to the water.

Unknown acute toxicity
No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%*</th>
<th>GHS Ingredient Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>(CAS-No.) 7732-18-5</td>
<td>0 - 15</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carbonic acid, dipotassium salt</td>
<td>(CAS-No.) 584-08-7</td>
<td>1 - 5%</td>
<td>Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

*The actual concentration of the ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2018-68 and 29 CFR 1910.1200.

SECTION 4: FIRST AID MEASURES

Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention. Show label if possible.

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician.

Ingestion: Rinse mouth. Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: Harmful if swallowed. Causes severe skin burns and eye damage. Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.

Inhalation: May be corrosive to the respiratory tract.

Skin Contact: Causes severe skin burns. Redness. Pain. Blisters. Permanent damage.
Eye Contact: Causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva. Can cause blindness.
Ingestion: Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.
Chronic Symptoms: None known.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**
If you feel unwell, seek medical advice (show the label where possible).

**SECTION 5: FIRE-FIGHTING MEASURES**

**Extinguishing Media**
- Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Dry powder, alcohol-resistant foam, water in large amounts, carbon dioxide.
- Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

**Special Hazards Arising From the Substance or Mixture**
- Fire Hazard: Not flammable.
- Explosion Hazard: Product is not explosive, however in contact with incompatibilities may release explosive hydrogen gas.
- Reactivity: Reacts exothermically with (some) acids. Reacts violently with water. Corrosive to metals. In contact with metals, emits flammable/explosive gas.

**Advice for Firefighters**
- Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
- Firefighting Instructions: Use water spray or fog for cooling exposed containers. Water may be ineffective to fight fire, but water should be used to keep exposed containers cool. Do not breathe fumes from fires or vapors from decomposition. Do not allow runoff from fire-fighting to enter drains or water courses.
- Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.
- Hazardous Combustion Products: Corrosive vapors.
- Other Information: Potassium hydroxide reacts exothermically with water. Water spray may be ineffective.

**Reference to Other Sections**
Refer to Section 9 for flammability properties.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**
- General Measures: Avoid all contact with skin, eyes, or clothing. Avoid breathing dust.

**For Non-Emergency Personnel**
- Protective Equipment: Use appropriate personal protective equipment (PPE).

**For Emergency Personnel**
- Protective Equipment: Equip cleanup crew with proper protection.

**Environmental Precautions**
Prevent entry to sewers and public waters.

**Methods and Materials for Containment and Cleaning Up**
- For Containment: Contain and collect as any solid.
- Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Cautiously neutralize spill. Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. For liquid spill, cautiously neutralize spill, absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulose material. Contact competent authorities after a spill.

**Reference to Other Sections**
See Section 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling**
- Additional Hazards When Processed: May be corrosive to metals.
- Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Always wash your hands immediately after handling this product, and once again before leaving the workplace.
- Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Store in original container or corrosive resistant and/or lined container. Keep/Store away from extremely high or low temperatures and incompatible materials.


Specific End Use(s)
Food and Pharmaceutical Ingredient. Food additive, acid neutralization, industrial use.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters
For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

<table>
<thead>
<tr>
<th>Potassium hydroxide (1310-58-3)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH Ceiling (mg/m³)</td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (ceiling) (mg/m³)</td>
</tr>
<tr>
<td>Alberta</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>British Columbia</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>Manitoba</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>New Brunswick</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>Newfoundland &amp; Labrador</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>Nova Scotia</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>Nunavut</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>Northwest Territories</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>Ontario</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>Prince Edward Island</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>Québec</td>
<td>PLAFOND (mg/m³)</td>
</tr>
<tr>
<td>Saskatchewan</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
<tr>
<td>Yukon</td>
<td>OEL Ceiling (mg/m³)</td>
</tr>
</tbody>
</table>

Exposure Controls
Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.


Materials for Protective Clothing: Chemically resistant materials and fabrics.
Hand Protection: Wear chemically resistant protective gloves.
Eye Protection: Chemical safety goggles and face shield.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.
Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties
Physical State: Solid
Appearance: Opaque white solid
Odor: None
Odor Threshold: Not available
Potassium Hydroxide Pellets, ACS, NF

Safety Data Sheet

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>14 (5% Solution)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>318.4 °C (605.12 °F)</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>1390 °C (2534 °F)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Lower Flammable Limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper Flammable Limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Vapor Density at 20°C</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>2.13</td>
</tr>
<tr>
<td>Solubility</td>
<td>90 g/100 g water at 20°C (68 °F)</td>
</tr>
<tr>
<td>Partition Coefficient: N-Octanol/Water</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** Reacts exothermically with (some) acids. Reacts violently with water. Corrosive to metals. In contact with metals, emits flammable/explosive gas.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Extremely high or low temperatures. Incompatible materials. Sources of ignition.


**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on Toxicological Effects - Product**

**Acute Toxicity (Oral):** Oral: Harmful if swallowed.

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

**LD50 and LC50 Data:**

<table>
<thead>
<tr>
<th>Toxicity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Hydroxide Pellets, ACS, NF</td>
<td></td>
</tr>
<tr>
<td>ATE (Oral)</td>
<td>333.00 mg/kg body weight</td>
</tr>
</tbody>
</table>

**Skin Corrosion/Irritation:** Causes severe skin burns and eye damage.

**pH:** 14 (5% Solution)

**Eye Damage/Irritation:** Causes serious eye damage.

**pH:** 14 (5% Solution)

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Effects After Inhalation:** May be corrosive to the respiratory tract.

**Symptoms/Effects After Skin Contact:** Causes severe skin burns. Redness. Pain. Blisters. Permanent damage.
Potassium Hydroxide Pellets, ACS, NF

Safety Data Sheet


**Symptoms/Effects After Eye Contact:** Causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva. Can causeblindness.

**Symptoms/Effects After Ingestion:** Harmful if swallowed. Swallowing a small quantity of this material will result in serious health hazard.

**Chronic Symptoms:** None known.

**Information on Toxicological Effects - Ingredient(s)**

<table>
<thead>
<tr>
<th>LD50 and LC50 Data:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Potassium hydroxide (1310-58-3)</strong></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
</tr>
<tr>
<td><strong>Carbonic acid, dipotassium salt (584-08-7)</strong></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
</tr>
</tbody>
</table>

**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity** Not classified

| **Carbonic acid, dipotassium salt (584-08-7)** |
| EC50 Daphnia 1 | 630 mg/l |

**Persistence and Degradability**

| **Potassium Hydroxide Pellets, ACS, NF** |
| Persistence and Degradability | Not established. |

**Bioaccumulative Potential**

| **Potassium Hydroxide Pellets, ACS, NF** |
| Bioaccumulative Potential | Not established. |

**Log Pow**

| **Potassium hydroxide (1310-58-3)** |
| Log Pow | 0.65 |

**Mobility in Soil** Not available

**Other Adverse Effects**

**Other Information:** Avoid release to the environment.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Sewage Disposal Recommendations:** Do not empty into drains; dispose of this material and its container in a safe way.

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**SECTION 14: TRANSPORT INFORMATION**

<table>
<thead>
<tr>
<th>TRANSPORTATION CLASSIFICATION</th>
<th>DOT</th>
<th>TDG</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Identification Number</strong></td>
<td>UN1813</td>
<td>UN1813</td>
<td>UN1813</td>
<td>UN1813</td>
</tr>
<tr>
<td><strong>Proper Shipping Name</strong></td>
<td>POTASSIUM HYDROXIDE, SOLID</td>
<td>POTASSIUM HYDROXIDE, SOLID</td>
<td>POTASSIUM HYDROXIDE, SOLID</td>
<td>POTASSIUM HYDROXIDE, SOLID</td>
</tr>
<tr>
<td><strong>Transport Hazard Class(es)</strong></td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td><strong>Packing Group</strong></td>
<td>II</td>
<td>II</td>
<td>II</td>
<td>II</td>
</tr>
<tr>
<td><strong>Environmental Hazards</strong></td>
<td>Marine Pollutant : No</td>
<td>Marine Pollutant : No</td>
<td>Marine Pollutant : No</td>
<td>Marine Pollutant: N/A</td>
</tr>
<tr>
<td><strong>Emergency Response</strong></td>
<td>ERG Number : 154</td>
<td>ERAP Index: Not applicable</td>
<td>EMS: F-A, S-B</td>
<td>ERG code (IATA): 8L</td>
</tr>
<tr>
<td><strong>Additional Information</strong></td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
# SECTION 15: REGULATORY INFORMATION

## US Federal Regulations

<table>
<thead>
<tr>
<th>Chemical Name (CAS No.)</th>
<th>CERCLA RQ</th>
<th>EPCRA 304 RQ</th>
<th>SARA 302 TPQ</th>
<th>SARA 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide (1310-58-3)</td>
<td>1000 lb</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>No</td>
</tr>
<tr>
<td>Carbonic acid, dipotassium salt (584-08-7)</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>No</td>
</tr>
</tbody>
</table>

## SARA 311/312

**Potassium Hydroxide Pellets, ACS, NF**
Immediate (acute) health hazard

## US TSCA Flags
Not present

## US State Regulations

### California Proposition 65

<table>
<thead>
<tr>
<th>Chemical Name (CAS No.)</th>
<th>Carcinogenicity</th>
<th>Developmental Toxicity</th>
<th>Female Reproductive Toxicity</th>
<th>Male Reproductive Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide (1310-58-3)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Carbonic acid, dipotassium salt (584-08-7)</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

### State Right-To-Know Lists

**Potassium hydroxide (1310-58-3)**
- U.S. - Massachusetts - Right To Know List - Yes
- U.S. - New Jersey - Right to Know Hazardous Substance List - Yes
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List - Yes
- U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances - No
- U.S. - Pennsylvania - RTK (Right to Know) List - Yes

**Carbonic acid, dipotassium salt (584-08-7)**
- U.S. - Massachusetts - Right To Know List - No
- U.S. - New Jersey - Right to Know Hazardous Substance List - No
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List - No
- U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances - No
- U.S. - Pennsylvania - RTK (Right to Know) List - No

## Canadian Regulations

**Potassium hydroxide (1310-58-3)**
- Listed on the Canadian DSL (Domestic Substances List)
- Not listed on the Canadian NDSL (Non-Domestic Substances List)

**Carbonic acid, dipotassium salt (584-08-7)**
- Listed on the Canadian DSL (Domestic Substances List)
- Not listed on the Canadian NDSL (Non-Domestic Substances List)

## International Inventories/Lists

<table>
<thead>
<tr>
<th>Chemical Name (CAS No.)</th>
<th>Australia AICS</th>
<th>Turkey CICR</th>
<th>Korea ECL</th>
<th>EU EINECS</th>
<th>EU ELINCS</th>
<th>EU SVHC</th>
<th>EU NLP</th>
<th>Mexico INSQ</th>
<th>US TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium hydroxide (1310-58-3)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Carbonic acid, dipotassium salt (584-08-7)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

**Chemical Name (CAS No.)**
- **Potassium hydroxide (1310-58-3)**
- **Carbonic acid, dipotassium salt (584-08-7)**
- **Chemical Name (CAS No.)**

**05/14/2018**
EN (English US)
SIDS: CHE-20605
Potassium Hydroxide Pellets, ACS, NF

Safety Data Sheet


<table>
<thead>
<tr>
<th>Potassium hydroxide (1310-58-3)</th>
<th>Yes</th>
<th>Yes</th>
<th>No</th>
<th>Yes</th>
<th>No</th>
<th>Yes</th>
<th>Yes</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbonic acid, dipotassium salt (584-08-7)</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date: 05/14/2018

Revision Summary

<table>
<thead>
<tr>
<th>Section</th>
<th>Change</th>
<th>Date Changed</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>HPR statement</td>
<td>05/14/2018</td>
</tr>
</tbody>
</table>

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada’s Hazardous Products Regulations (HPR).

GHS Full Text Phrases:

Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4
Eye Dam. 1 | Serious eye damage/eye irritation Category 1
Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A
Met. Corr. 1 | Corrosive to metals Category 1
Skin Corr. 1A | Skin corrosion/irritation Category 1A
Skin Irrit. 2 | Skin corrosion/irritation Category 2
STOT SE 3 | Specific target organ toxicity (single exposure) Category 3
H290 | May be corrosive to metals
H302 | Harmful if swallowed
H314 | Causes severe skin burns and eye damage
H315 | Causes skin irritation
H318 | Causes serious eye damage
H319 | Causes serious eye irritation
H335 | May cause respiratory irritation

NFPA 704

NFPA Health Hazard: 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA Fire Hazard: 0 - Materials that will not burn under typical dire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA Reactivity Hazard: 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.

HMIS Rating

Health: 3 Serious Hazard - Major injury likely unless prompt action is taken and medical treatment is given

Flammability: 0 Minimal Hazard

Physical: 1 Slight Hazard

PPE: See Section 8

Abbreviations and Acronyms

AICS – Australian Inventory of Chemical Substances
ACGIH – American Conference of Governmental Industrial Hygienists
AIHA – American Industrial Hygiene Association
ATE – Acute Toxicity Estimate
BCF – Bioconcentration factor
BEI – Biological Exposure Indices (BEI)
CAS No. – Chemical Abstracts Service number
CERCLA RQ – Comprehensive Environmental Response, Compensation, and Liability Act - Reportable Quantity
CICR – Turkish Inventory and Control of Chemicals

LC50 - Median Lethal Concentration
LD50 - Median Lethal Dose
LOAEL - Lowest Observed Adverse Effect Level
LOEC - Lowest-observed-effect Concentration
Log Pow - Octanol/water Partition Coefficient
Identification of the Hazards of Materials for Emergency Response
NIOSH - National Institute for Occupational Safety and Health
NLP - Europe No Longer Polymers List
NOAEL - No-Observed Adverse Effect Level
Potassium Hydroxide Pellets, ACS, NF

Safety Data Sheet

Handle product with due care and avoid unnecessary contact. This information is supplied under U.S. OSHA’S “Right to Know” (29 CFR 1910.1200) and Canada’s WHMIS regulations. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist. The information contained herein is based on data available to us and is believed to be true and accurate but it is not offered as a product specification. No warranty, expressed or implied, regarding the accuracy of this data, the hazards connected with the use of the product, or the results to be obtained from the use thereof, is made and Chemtrade and its affiliates assume no responsibility. Chemtrade is a member of the CIAC (Chemistry Industry Association of Canada) and adheres to the codes and principles of Responsible Care™.

Chemtrade NA GHS SDS 2015