

1. IDENTIFICATION**Product Name:** HALYARD* Instant Cold Pack, Disposable Squeeze Bag**Product Number:** 59681-01 (Small), 59688-01 (Large)

Date Prepared:	3/25/15
Manufacturer:	Halyard Health Inc. 5405 Windward Parkway Alpharetta, Georgia 30004
Telephone: MEDICAL EMERGENCY: TRANSPORTATION EMERGENCY: INFORMATION:	Call 911 or your local Emergency Room or Poison Control Services Chemtrec 1-800-424-9300 or 1-703-527-3887 (collect calls accepted) 1-844-HALYARD

Product Use: Patient medical or first aid care.**2. HAZARDS IDENTIFICATION****GHS Classification:**

Oxidizing Solid Category 3

Eye Irritant Category 2

GHS Labeling:

Warning!

Hazard Statements

H272 May intensify fire: oxidizer.

H319 Causes serious eye irritation.

Precautionary Statements

P210 Keep away from heat.

P220 Keep away from clothing and other combustible materials.

P221 Take any precaution to avoid mixing with combustible materials.

P264 Wash thoroughly after handling.

P280 Wear protective gloves and eye protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical attention.

P501 Dispose of contents and container in accordance with local and national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<i>Chemical Name</i>	<i>CAS-No./ EINECS-No</i>	<i>%</i>	<i>GHS Classification:</i>
Ammonium Nitrate	6484-52-2/ 229-347-8	100%	Oxid Sol 3 H272 Eye Irrit 2 H319
Water	7732-18-5 / 231-791-2	100%	Not Hazardous

4. FIRST AID MEASURES

Inhalation: None required for normal use.

Skin contact: If contact with the contents occurs - Wash off with soap and water.

Eye contact: If contact with the contents occurs - Rinse immediately with plenty of water, also under the eyelids. Obtain medical attention if irritation persists.

Ingestion: If contents are swallowed - Call a physician or Poison Control Centre immediately. If victim is conscious, rinse mouth with a small amount of water. Never give anything by mouth to a person who is unconscious or drowsy.

Most Important symptoms and effects, both acute and delayed: Causes eye irritation. May cause skin irritation. Swallowing large amounts may cause gastrointestinal disturbances.

Indication of any immediate medical attention and special treatment needed: None required.

5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) Extinguishing Media: Use water, water fog, foam, carbon dioxide or dry chemical to extinguish.

Specific Hazards Arising from the Chemical: Oxidizer. Contact with combustible material may cause fire.

Hazardous Combustion Products: Carbon and nitrogen oxides.

Special Protective Equipment and Precautions for Fire-fighters: Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Wear appropriate protective clothing and equipment.

Environmental Precautions: Report releases as required by local and federal regulations.

Methods and Materials for Containment and Cleaning Up: Contain and collect with inert absorbent material and place in a suitable container for disposal. Do not use

combustible materials such as paper towels or sawdust to collect spill. Contact with combustible material may cause fire. Comply with all federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with contents of product.

Conditions for Safe Storage, including any Incompatibilities: Do not store on wooden floors or near flammable or combustible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s)

Chemical Name	Exposure limit(s)
Ammonium Nitrate	None established
Water	None established

Appropriate Engineering Controls: No special ventilation normally required.

Individual Protection Measures, such as Personal Protective Equipment:

Respiratory Protection: No personal respiratory protective equipment normally required.

Protective Gloves: None required for normal use.

Eye Protection: None required for normal use.

For bulk processing, regular hand washing along with general body-covering clothing, safety goggles and gloves are recommended as good industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor	Plastic liner containing two inner compartments, one containing a white or off-white solid and the other containing a clear liquid. The product is activated when the product is squeezed and the contents mix.
Odor Threshold:	Not available
Boiling point/range	Not available
Melting point/range	Not available
Relative Density (water=1)	Not available
Vapor pressure	Not available
Vapor density (air=1)	Not available
Solubility	Partially soluble in water

pH	Not available
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	Not available
Viscosity:	Not available
Volatile Organic Carbon Compounds (VOC) (g/L)	Not available
Flashpoint:	Not flammable
Flammable Limits in Air % by Volume:	LEL (Lower): Not applicable UEL (Upper): Not applicable
Autoignition temperature:	None.
Decomposition temperature:	Not available
Flammability (solid, gas):	Not applicable

10. STABILITY AND REACTIVITY

Reactivity: Reactive with metals.

Chemical Stability: Stable.

Possibility of Hazardous Reactions: May react violently with powdered metals.

Conditions to Avoid: Excessive heating.

Incompatible Materials: Keep away from combustible material. Incompatible with bases

Hazardous Decomposition Products: Carbon and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Symptoms/Effects of Overexposure:

Inhalation: Not a likely route of exposure.

Skin contact: Contact with contents may cause irritation.

Eye contact: Contact with contents may cause irritation.

Ingestion: Swallowing large amounts may cause gastrointestinal disturbances. May cause methemoglobinemia, which is characterized by chocolate-brown colored blood, headache, weakness, dizziness, shortness of breath, cyanosis (bluish skin due to lack of oxygen in the blood), rapid heart rate, unconsciousness and possible death.

Chronic toxicity: None currently known.

Carcinogenicity Data: None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the EU CLP Annex VI.

Reproductive Toxicity: No adverse effects on reproduction are known.

Numerical Measures of Toxicity:

Ammonium Nitrate: LD50 oral rat 2950 mg/kg, Dermal rat LD50 >5000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Ammonium Nitrate: 48 hr LC50 Cyprinus carpio >95 mg/L, 48 hr EC50 daphnia magna 490 mg/L,

Persistence and Degradability: Biodegradation is not applicable inorganic substances.

Bioaccumulative Potential: Not expected to bioaccumulate in aquatic organisms.

Mobility in Soil: No data available

Other Adverse Effects: No adverse effects on the environment are expected.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all state, local and federal regulations.

14. TRANSPORT INFORMATION

US DOT Shipping Description: Ammonium Nitrate, 5.1, UN1942, III

This product can be shipped as a limited quantity in compliant packaging. Please consult 49CFR 173.152 for additional information.

IATA Shipping Description (Air): Ammonium Nitrate, 5.1, UN1942, III

IMDG Shipping Description (Vessel): Ammonium Nitrate, 5.1, UN1942, III

15. REGULATORY INFORMATION

US Regulations

EPA Toxic Substances Control Act (TSCA): All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.

SARA 302 Listed Chemicals: None.

SARA 311/312 Hazard Categories: Acute Health, Fire Hazard

SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372): Ammonium Nitrate (Nitrate Compound)

California Proposition 65: This product does not contain chemicals listed per the Safe Drinking Water and Toxic Enforcement Act of 1986.

International Regulations

Canadian CEPA: All of the components are either listed on or exempted from the Domestic Substances List (DSL).

Canadian WHMIS Classification: Medical devices are not subject to the Hazardous Products Act (WHMIS).

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.

16. OTHER INFORMATION

Date Prepared: 3/25/15

GHS Classification Hazard Statements seen in Section 3 for Reference:

Ox Sol 3 = Oxidizing Solid Category 3

Eye Irrit 2 = Eye Irritation Category 2

H272 May intensify fire: oxidizer.

H319 Causes serious eye irritation

HMIS Rating: Health 1 Fire 1 Physical Hazard 1

The information contained herein is true and correct to the best of Halyard's knowledge. However, no warranty, expressed or implied, is made. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any laws or regulations. Final determination of the suitability of the material is the sole responsibility of the user.