

# Cold - Plus A/C & Refrigeration Treatment

Safety Data Sheet

Version: 1.0

## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

Product Form: Mixture

Product Name: Cold - Plus A/C & Refrigeration Treatment

### 1.2 Intended Use of the Product

Use of the substance/mixture: A/C & Refrigeration

### 1.3. Name, Address, and Telephone of the Responsible Party

Company

Solid Start

3705 HWY 98 South

Lakeland, FL 33812

863-937-9297

[www.solidstart.biz](http://www.solidstart.biz)

### 1.4. Emergency Telephone Number

Emergency Number: 813-248-0585 ChemTel

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Eye Dam. 1 H318

Asp. Tox. 1 H304

Aquatic Acute 2 H401

Full text of H-phrases: see section 16

### 2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



GHS05



GHS08

Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H304 - May be fatal if swallowed and enters airways.

: H318 - Causes serious eye damage.

: H401 - Toxic to aquatic life.

Precautionary Statements (GHS-US) :

P273 - Avoid release to the environment.

: P280 - Wear protective gloves, protective clothing, and eye protection.

P301+P310 - If swallowed: Immediately call a poison center or doctor.

: P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

: P331 - Do NOT induce vomiting.

: P405 - Store locked up.

: P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### 2.3. Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

### 2.4. Unknown Acute Toxicity (GHS-US)

No data available

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable.

### 3.2. Mixture

Name	Product Identifier (CAS NO.)	%	Classification (GHS-US)
Solvent dewaxed heavy paraffinic distillate	64747-65-0	>85	Asp. Tox. 1, H304 Aquatic Acute 2, H401
Polyolefin Amide Alkeneamine	9004-887-9	<5	Asp. Tox. 1, H304 Aquatic Acute 2, H401
Proprietary Component 1	Proprietary	<5	Eye Dam. 1, H318 Asp. Tox. 1, H304 Aquatic Acute 2, H401
PTFE Fluoro additive	9002-84-0	2-5	Asp. Tox. 1, H304
Proprietary Component 2	Proprietary	1-3	Asp. Tox. 1, H304 Aquatic Acute 2, H401

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

First-Aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-Aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-Aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

First-Aid Measures After Eye Contact: Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

First-Aid Measures After Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Causes serious eye damage. May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing.

#### 6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Stop leak if safe to do so. Ventilate area. Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

### 6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

For further information refer to section 13. See Heading 8. Exposure controls and personal protection. See Section 13, Disposal Considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist or spray. Do not get in eyes, on skin, or on clothing.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Products: Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

A/C & Refrigeration.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. 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), NIOSH (REL), or OSHA (PEL).

### 8.2. 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.

Personal Protective Equipment:

Gloves. Protective clothing. Protective goggles. Face shield. Insufficient ventilation: wear respiratory protection.



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Materials for Protective Clothing:	Chemically resistant materials and fabrics.
Hand Protection:	Wear protective gloves.
Eye Protection:	Chemical goggles or 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. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known, wear approved respiratory protection.
Other Information:	When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Amber
Odor	: No data available
Odor Threshold	: No data available
No data available	: No data available
pH	: No data available
No data available	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: > 204 °C (400 °F)
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20 °C	: No data available
Relative Density	: No data available
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

## SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity: Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Incompatible materials.
- 10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products: Carbon oxides (CO, CO<sub>2</sub>). Hydrocarbons

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

Solvent dewaxed heavy paraffinic distillate (64747-65-0)

LD50 Oral Rat	> 2000 mg/kg
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LD50 Dermal Rabbit	> 4480 mg/kg
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Skin Corrosion/Irritation: Not classified.

Serious Eye Damage/Irritation: Causes serious eye damage.

Respiratory or Skin Sensitization: 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: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecology - General : Toxic to aquatic life.

Solvent dewaxed heavy paraffinic distillate (64747-65-0)

LC50 Fish 1	79.6 mg/l (exposure time: 96 h-species: Brachydanio rerio [semi-static])
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LC50 Fish 2	3.2 mg/l (Exposure time: 96 h-species: Pimephales promelas [semi-static])
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### 12.2. Persistence and Degradability

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Persistence and Degradability	Not established.
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### 12.3. Bioaccumulative Potential

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Bioaccumulative Potential	Not established.
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### 12.4. Mobility in Soil

No additional information available.

### 12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology – Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT Not regulated for transport.

14.2. In Accordance with IMDG Not regulated for transport.

14.3. In Accordance with IATA Not regulated for transport.

## SECTION 15: REGULATORY INFORMATION

### 15.1 US Federal Regulations

Cold - Plus A/C Refrigeration Treatment

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
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Solvent dewaxed heavy paraffinic distillate (64747-65-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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Proprietary Component 2

Listed on the United States TSCA (Toxic Substances Control Act) inventory

## 15.2 US State Regulations

Neither this product nor its chemical components appear on any US state lists.

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

References not available.

Other considerations not available.

Created 7/7/15.

The information within this SDS was obtained from sources which we are to believe reliable. However, the information is provided without any warranty, implied or expressed, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and beyond our knowledge. For this and other reasons we do not assume responsibility and expressly disclaim liability for loss, damage or expense in any way connected with handling, storage, use and /or disposal of this product. The information within this SDS is correct to the best of our knowledge as of the date with which it was issued.

GHS Full Text Phrases:

Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H318	Causes serious eye damage
H401	Toxic to aquatic life