

**DURACOOl A/C Oil Chill Bottles SAFETY DATA SHEET**

152-019  
DC3166

Deepfreeze Refrigerants Inc.  
2695 Slough Street  
Mississauga Ontario L4T 1G2  
Canada 905 671 4222

**PRODUCT: Duracool A/C Oil Chill .**

**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identity..... Duracool A/C Oil Chill 8 fluid ounce / 32 fluid Ounce.  
Product Item Numbers..... DC0021 DC0023 DC0024 DC0015

Manufactured by..... Deepfreeze Refrigerants Inc..  
2695 Slough Street  
Mississauga Ontario L4T 1G2

24 hour emergency telephone number  
CHEMTREC 1-800-262-8200 (within North America) +1 703-741-5500 (Worldwide)

Recommended Use..... Universal oil lubricant with Dye for A/C systems..  
Consumer Commodity..... Yes.

Hazard Ratings:  
HMIG..... Health: 1 Fire: 1 Reactivity: 0.  
NFPA Rating..... Health: 1 Fire: 1 Reactivity: 0.

**Section 02: HAZARDS IDENTIFICATION**

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA (TWA mg/m <sup>3</sup> ):
Oil Mist		5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> .

Potential Health Effects:  
Eye Contact..... May cause irritation, redness and pain.

Properties affecting health: None.  
Principle routes of exposure: Skin.  
Skin contact: Non-Irritating to the skin.  
Eye contact: May cause slight irritation.  
Inhalation: Avoid breathing vapors or mists.

**Section 03: COMPOSITION/INFORMATION ON INGREDIENTS**

**Note for Non-Hazardous Components** Components not precisely identified above are non-hazardous as defined by applicable laws.

#### Section 04: FIRST AID MEASURES

**General advice:** No hazards which require special first aid measures.  
**Skin contact:** Wash off immediately with soap and plenty of water.  
**Eye contact:** Flush eye(s) immediately with plenty of water  
**Inhalation:** Immediate medical attention is not required. Move to fresh air. If symptoms persist, call a physician.  
**Ingestion:** Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

#### Section 05: FIRE FIGHTING MEASURES

**Suitable extinguishing media:**  
Carbon dioxide (CO<sub>2</sub>), Dry chemical, Water spray mist or foam

**Extinguishing media which must not be used for safety reasons:**  
No information available.

**Special protective equipment for firefighters:**  
Standard procedure for chemical fires

**Specific hazards:** No information available.  
**Unusual hazards:** No hazards resulting from the material as supplied  
**Specific methods:** In the event of fire, cool tanks with water spray.  
**Flash point:** > 430 (°F)  
**Autoignition temperature:** No information available

**Flammability Limits in Air:**  
**Lower** No information available  
**Upper** No information available

#### Section 06: ACCIDENTAL RELEASE MEASURES

**Personal precautions:**  
Contaminated surfaces will be extremely slippery. Use personal protective equipment.

**Environmental precautions:**  
Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

**Methods for cleaning up:**  
Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

#### Section 07: HANDLING AND STORAGE

**Technical measures precautions:**  
No special technical protective measures required.

**Safe handling advice:**  
Take measures to prevent the build-up of electrostatic charge.

**Storage**  
**Technical measures/storage conditions:**  
Keep containers dry and tightly closed to avoid moisture absorption and contamination.

**Incompatible products:** No special restrictions on storage with other products.

**Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures to reduce exposure:**  
Ensure adequate ventilation, especially in confined areas..

**Personal Protective Equipment**  
Eye / Type..... Safety glasses with side-shields.  
Skin / Type..... Use gloves and protective clothing  
made from Nitrile rubber.

**Respiratory protection:** In case of insufficient ventilation wear suitable respiratory equipment.

**Hygiene measures:** Wash hands before breaks and at the end of workday..

**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State..... Liquid  
Physical Appearance..... Liquid  
Odour..... Mild.  
Odour Threshold (ppm)..... Not available.  
pH..... Not applicable.  
Vapour Density (Air=1)..... No data.  
Evaporation Rate (n-Butyl Acetate = 1)..... Not available.  
Initial Boiling Point/Boiling Range (°C)..... > 650 (°F)  
VOC Content..... Not available.  
Specific Gravity (Liquid)..... 0.82 - 0.85  
Solubility in water..... Insoluble.  
Vapor pressure: < 0.10 mm Hg @20 °C

**Section 10: STABILITY AND REACTIVITY**

Stability: Stable under recommended storage conditions.  
Polymerization: Hazardous polymerisation does not occur.  
Hazardous decomposition products: None reasonably foreseeable  
Materials to avoid: Oxidising agents (strong).  
Conditions to avoid: Stable at normal conditions

**Section 11: TOXICOLOGICAL INFORMATION**

**Acute toxicity:** No data available

**Section 12: ECOLOGICAL INFORMATION**

Environmental..... Complete information is not yet available.  
Mobility: No information available.  
Bioaccumulative potential: No information available.  
Ecotoxicity effects: No data available.  
Aquatic toxicity: No information available

### Section 13: DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:**

In accordance with local and national regulations.

**Contaminated packaging:**

Empty containers should be taken for local recycling, recovery or waste disposal. Appropriate Disposal Methods. Dispose in accordance with local, provincial and federal regulations.

### Section 14: TRANSPORT INFORMATION

DOT Proper shipping name:	Not Applicable
TDG (Canada) Proper shipping name:	Not Applicable
IMO / IMDG Proper shipping name:	Not Applicable
ICAO Proper shipping name:	Not Applicable
IATA Proper shipping name:	Not Applicable

### Section 15: REGULATORY INFORMATION

International	
PICCS:	This product complies with Phil:
TSCA:	Listed in TSCA
DSL:	All of the components in this product are listed in DSL
ENCS:	This product does not comply with JPENCS
CHINA:	This product complies with China:
AICS:	All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
KECL:	This product complies with Korea:
EINECS/ELINCS	This product complies with EINECS/ELINCS

U.S. Regulations: Sara (311, 312) hazard class:

Canada  
WHMIS hazard class: Non-controlled

### Section 16: OTHER INFORMATION

NFPA symbol



Disclaimer..... The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Deepfreeze Refrigerants assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

THIS SDS IS VALID FOR THREE YEARS.

Prepared by ..... Regulatory Affairs  
Preparation Date..... Oct 31 / 17  
Last Revision Date ..... N/A

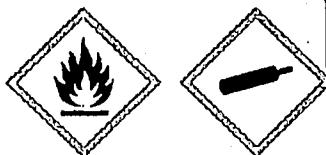
Deepfreeze Refrigerants Inc.  
2695 Slough Street  
Mississauga Ontario Canada

Duracool SealQuick 114 gm. 4 ounce

**SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Identity..... Deepfreeze Refrigerants Inc.  
 Manufacturer..... 2695 Slough Street  
 Mississauga  
 L4T 1G2  
 905 671 4222  
 24 hour emergency telephone number.... In Canada & The United States: Call CHEMTREC (800) 424-9300.  
 Recommended Use..... Air Conditioning leak sealer  
 Consumer Commodity..... Yes.  
 Hazard Ratings:  
 HMIS..... Health: 1 Fire: 4 Reactivity: 0.  
 NFPA Rating..... Health: 1 Fire: 4 Reactivity: 0.

**SECTION 02: HAZARDS IDENTIFICATION**



Emergency Overview..... Danger. Extremely flammable aerosol. Container is under pressure. Container may explode if heated. Do not puncture. Do not burn. May cause skin and eye irritation. Contact with liquid may cause frostbite. KEEP OUT OF REACH OF CHILDREN.

Potential Health Effects:  
 Skin Contact ..... May cause skin irritation.  
 Eye Contact ..... May cause irritation, redness and pain.  
 Ingestion..... May be harmful if swallowed.  
 Inhalation..... Prolong inhalation of product may cause irritation.

**SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS**

HAZARDOUS INGREDIENTS	CAS #	WT. %
Propane	74-98-6	30-60
Isobutane	75-28-5	15-40
Monocyclic Terpene	Not indicated	10-30
UV Dye	Not indicated	5-10

**SECTION 04: FIRST AID MEASURES**

Eye Contact..... Check for and remove contact lenses. Immediately flush eyes with water for a minimum of 15 minutes keeping eyelids open. Consult a doctor if any irritation occurs.  
 Skin Contact..... Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation or redness develops consult a poison control centre or physician immediately. If frostbite has occurred, seek medical attention immediately; do NOT rub the affected areas or flush them with water. In order to prevent further tissue damage, do NOT attempt to remove frozen clothing from frostbitten areas.  
 Ingestion..... If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.  
 Inhalation..... Move victim to fresh air. If breathing has stopped, give artificial respiration. If heartbeat absent, give external cardiac compression. Monitor breathing and pulse. If symptoms persist, call a physician.  
 Additional Information..... Note to the doctor; treat symptomatically.

**SECTION 05: FIRE FIGHTING MEASURES**

Flammability Class..... Extremely Flammable.  
 Extinguishing Media..... Use extinguishing media appropriate for the surrounding fire. Small Fire: Use Dry Chemical. Large Fire: Use water spray or fog.  
 Sensitivity to Mechanical Impact..... Not expected to be sensitive.  
 Sensitivity to Static Discharge..... Not expected to be sensitive.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Spills and Leaks..... Evacuate and Ventilate the area. Remove all sources of ignition. Wash area with significant quantity of water.

**SECTION 07: HANDLING AND STORAGE**

Precautions for Safe Handling..... Use with adequate ventilation. Contents under pressure. Do not store in temperatures above 120°F (50°C). Keep away from heat, sparks, and open flames.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Propane	2,500 ppm	Not available	1,000 ppm	Not available	1,000 ppm
Isobutane	800 ppm	1000 ppm	800 ppm	Not available	800 ppm (TWA)
Monocyclic Terpene	50 ppm	Not available	Not available	Not available	Not available
UV Dye	Not available	Not available	Not available	Not available	Not available

Eye/Face Protection..... Do not get in eyes. Wear safety glasses with side-shields.  
 Skin Protection..... Normally, no hand protection is required; however, prolonged or repeated contact with skin use chemical resistant gloves conforming to appropriate regulations. Observe the instructions regarding permeability and breakthrough time that are provided by the supplier of the gloves.  
 Respiratory Protection..... Not required on a short-term basis or if exhaust ventilation is provided. Use NIOSH approved respirator suitable for organic vapours.  
 Appropriate Engineering Controls..... Good general ventilation should be used. Ventilation rates should be matched to conditions. Use local exhaust ventilation to maintain airborne levels below the Threshold Limit Value.  
 Exposure Limits

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State..... Aerosol.  
 Physical Appearance..... Pale yellow.  
 Odour..... Characteristic.  
 Odour Threshold (ppm)..... Not available.  
 pH..... Not applicable.  
 Internal can pressure @21°C (psig)..... Not available.  
 Vapour Density (Air=1)..... No data.  
 Evaporation Rate (n-Butyl Acetate = 1)..... Not available.  
 Initial Boiling Point/Boiling Range (°C)..... >500°C (>932°F).  
 VOC Content..... Not available.  
 Specific Gravity..... 0.910-0.970.  
 Specific Gravity (Aerosol)..... 0.960-0.968.  
 Solubility in water..... Immiscible.  
 Aerosol Flame Projection..... Not available.  
 Auto Ignition Temperature (Propellant), °C... 460°C (860°F).  
 Flashback..... No data.  
 Flash Point (°C), Method..... Closed cup: -83.15 °C (-117.7 °F).  
 Lower Flammable Limit (% Vol)..... 1.8.  
 Upper Flammable Limit (% Vol)..... 9.5.

**SECTION 10: STABILITY AND REACTIVITY**

Chemical Stability..... Stable at normal temperatures and pressures.  
 Incompatible Materials..... Strong oxidizing agents.  
 Conditions to Avoid..... Avoid sources of heat and flame, and electrostatic charge.  
 Hazardous Decomposition Products..... Thermal decomposition and burning may produce carbon monoxide and carbon dioxide.  
 Possibility of Hazardous Reactions..... Has not been reported.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Propane	658 mg/L (Rat - 4hrs)	Not available
Isobutane	658 mg/L (Rat - 4hrs)	Not available
Monocyclic Terpene	Not available	Not available
UV Dye	Not available	Not available
Route of Exposure.....	Skin contact, Eye contact, Inhalation and Ingestion.	
Effects of Acute Exposure.....	Harmful if swallowed or inhaled. Repeated or prolonged contact may cause slight irritation to the skin. May cause irritation to the eyes.	
Chronic Effects.....	May cause skin defatting and dermatitis.	
Carcinogenicity.....	None of the ingredients are listed as possibly carcinogenic to humans by IARC or ACGIH	
Reproductive Toxicity.....	No information is available, and no adverse effects are expected.	
Teratogenicity.....	No information is available, and no adverse effects are expected.	
Germ Cell Mutagenicity.....	No information is available, and no adverse effects are expected.	
Toxicological Data		

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity.....	May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment.
Persistence and degradability .....	The product itself has not been tested.
Bioaccumulation Potential.....	The product itself has not been tested.
Mobility in Soil.....	The product itself has not been tested.
Other Adverse Effects.....	None Known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Appropriate Disposal Methods..... Dispose in accordance with local, provincial and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

TDG (Canada- Road)..... AEROSOLS, Class 2.1, UN1075.  
 DOT (US-Road)..... AEROSOLS, Class 2.1, UN1075, LTD QTY, Consumer commodity ORM-D.  
 IMDG (International- Marine)..... AEROSOLS, Class 2.1, UN1075.  
 IATA (International- Air)..... AEROSOLS, Class 2.1, UN1075, LTD QTY.

**SECTION 15: REGULATORY INFORMATION**

Canada Regulations..... WHMIS Classification: A: Compressed gas. B5: Flammable Aerosol. CPR (Canadian Controlled Product Regulations): All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the CPR and this SDS contains all information required by CPR. IDL (Canadian Ingredient Disclosure List): Component(s) of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List (section 03).  
 US Regulations..... Environmental Protection Act: Constituents of this product are included on the TSCA inventory. OSHA (29CFR 1910.1200) Classification: Compressed Gas. HIMS Classifications: see section 01.

**SECTION 16: OTHER INFORMATION**

Disclaimer..... The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR. THIS SDS IS VALID FOR THREE YEARS.  
 Abbreviations..... ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHMIS: Workplace Hazardous Materials Information System STOT: Specific Target Organ Toxicity.  
 Prepared by ..... Regulatory Affairs  
 Latest Revision ..... Nov 16, 2022