
MATERIAL SAFETY DATA SHEET

SECTION I. PRODUCT INFORMATION

Product Name: ARC GARD GEL**Part Number:** 199476 *→ 199472***Product use:** Water-based solution to protect welding torch components from excessive spatter accumulation.**WHMIS DESIGNATION:** NOT CONTROLLED**OSHA DESIGNATION:** NON-REGULATED

SECTION II. COMPOSITION/ INFORMATION ON INGREDIENTS

NO HAZARDOUS MATERIALS ABOVE THE LEVELS STIPULATED BY FEDERAL REGULATIONS

Chemical Name	CAS #	Weight %
Carrageenan	9000-07-1	<5%
Ethoxylate	84133-50-6	<0.5%
Magnesium Nitrate	10377-60-3	<230 ppm
Unreacted secondary alcohol	126950-60-5	<50 ppm
Isothiazolin A	26172-55-4	<50 ppm
Isothiazolin B	2682-20-4	<10 ppm
Magnesium Chloride	7786-30-3	<10 ppm

SECTION III. PHYSICAL DATA

Boiling point @ 760 mmHg: 100C

Specific Gravity: 1.037 (Water =1.0)

Freezing Point: 0C

Evaporation Rate: 0.35 (n-Butyl acetate=1.00)

Vapor density: Not determined

Vapor pressure: 4 mm Hg @ 20C

pH: 5-7

Solubility in water by wt: 100% water-soluble

Appearance: Blue translucent liquid

Odor: odorless

Physical state: liquid

SECTION IV. FIRE OR EXPLOSION HAZARD

Flammability: **NON-FLAMMABLE**

Extinguishing media: N/A

Flash point: N/A

Lower flammable limit (%volume): N/A

Upper flammable limit (%volume): N/A

Auto ignition Temp: N/A

Impact/shock sensitivity: N/A

Sensitivity to Static Discharge: N/A

SECTION V: REACTIVITY DATA

Stability: chemically stable**Conditions to Avoid:** None currently known**Incompatibility** (materials to avoid): Normally unreactive; however avoid strong bases at high temperatures, strong acids, strong oxidizing agents, and materials reactive with hydroxyl compounds**Hazardous Combustion or Decomposition Products:** carbon monoxide and/or carbon dioxide

SECTION VI. POTENTIAL HEALTH EFFECTS

Skin contact: Not evidence of harmful effects from available information

Skin Absorption: Not evidence of harmful effects from available information

Eye contact: Not evidence of harmful effects from available information

Ingestion: Not evidence of harmful effects from available information

Inhalation: Not evidence of harmful effects from available information

Exposure Limits: N/A

Irritancy of product: none

Teratogenicity: No

Mutagenicity: No

Carcinogenicity: Not known

SECTION VII: PREVENTIVE MEASURES

Personal Protective Equipment: General protective equipment is expected to be satisfactory.

Engineering Controls: General room ventilation is expected to be satisfactory.

Leak/Spill Procedures: Spills can be flushed with plenty of water.

Waste Disposal: BIODEGRADABLE in a biological wastewater treatment plant.

Handling Procedures and Equipment

Storage requirements: Store in closed containers at 2-30°C

Shipping information: Do not freeze

SECTION VIII: FIRST AID MEASURES

Skin: wash with plenty of water

Eye: flush with plenty of water

Inhalation: no emergency care anticipated.

Ingestion: no emergency care anticipated

Notes to Physician: Toxicology studies on the main ingredients of this product have shown these to be of very low acute toxicity and nonirritating. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION IX: REGULATORY INFORMATION

Chemicals on Reporting Rules (CORR)

USA Federal regulation: 4996-9 Date: Feb 28, 1996: NONE

Toxic Substances Control Act (TSCA)

The ingredients of this product are on the TSCA inventory

Domestic Substances List (DSL)

The ingredients of this product are on the Canadian Domestic Substances List (DSL).

SECTION IX: PREPARATION INFORMATION

MANUFACTURER: Tregaskiss Ltd., 2570 North Talbot Rd., Oldcastle, ON, N0R 1L0 (519) 737-6966

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