

# Material Safety Data Sheet

AGC-10/50

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

## GOODSON

Tools and Supplies for Engine Builders  
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### 1. IDENTIFICATION

**Part No. and Description:** AGC-10 and AGC-50 Resurfacer Coolant for Aluminum 1 gallon and 5 gallons

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>%</u>	<u>Exposure Guideline</u>
Ethanol, 2,2', 2'' - Nitrioltris -	102-71-6	1 - 5%	5 mg/m <sup>3</sup> TWA
Distillates, Petroleum, Hydrotreated	64742-52-5	10 - 15%	5 mg/m <sup>3</sup> TWA
Heavy Naphthenic			

*Contains no other ingredients now known to be hazardous as defined by OSHA.*

**313 Listed Chemicals:** If none listed here, there are no 313 chemicals present above threshold value.

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Appearance:** Clear dark blue fluid; mild chemical.

Causes eye irritation. May cause skin irritation. Mists may cause respiratory tract irritation. Avoid contact with eyes and skin.

Avoid breathing mists. Wash thoroughly after handling.

**NFPA:** Health: 2 Flammability: 1 Reactivity: 0 Special:

#### POTENTIAL HEALTH EFFECTS

**Eye:** Concentrate will cause eye irritation.

**Skin Contact:** Concentrate may cause skin irritation.

**Skin Absorption:** No acute effects expected.

**Ingestion:** Oral LD50 not established. Do not ingest.

**Inhalation:** TLV for product not established. Refer to hazardous ingredients listed for any ingredient TLV's. Mists of the concentrate and dilutions may cause respiratory irritation.

**Chronic Effects:** Prolonged or repeated contact with petroleum oil may remove natural oils and fats from the skin.

**Routes of Exposure:** Skin contact, Eye contact, Inhalation

### 4. FIRST AID MEASURES

**Eye:** In case of contact, flush eyes with plenty of water. Get medical attention if irritation persists.

**Skin:** Wash skin with soap and water. If irritation occurs, get medical attention. Wash clothing before reuse.

**Ingestion:** Do not induce vomiting; get medical attention immediately.

**Inhalation:** If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort or irritation continues.

### 5. FIRE FIGHTING MEASURES

#### FLAMMABLE PROPERTIES

**Flash Point (degrees F/C):** None / None

**Method:** n/a

**Upper Flammable Limit:** n/a

**Lower Flammable Limit:** n/a

**Autoignition Temperature:** not determined

**Hazardous Products of Combustion:** Potential combustion products are oxides of carbon and nitrogen.

**Properties that could increase fire or explosion hazard:** None known

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam

**Fire Fighting Instructions:** Wear self contained breathing apparatus when fire fighting in a confined space. Cool fire exposed containers with waterspray to prevent rupture.

### 6. ACCIDENTAL RELEASE MEASURES

Recover free liquid. Keep product out of streams and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

### 7. HANDLING AND STORAGE

Avoid contact with skin and eyes. Avoid breathing mists. Do not take internally. Keep container closed when not in use. Bring product to room temperature before use. Do not store near heat, flame or strong oxidizing agents.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Eye/Face Protection:** Safety glasses with side shield or chemical goggles.

**Skin Protection:** Impervious gloves such as rubber should be used when handling this product.

**Respiratory Protection:** Good industrial hygiene practices recommend that engineering controls be used to reduce environmental concentrations to the threshold limit value (TLV) or permissible exposure limit (PEL). If any associated TLV or PEL is exceeded, provide NIOSH approved respiratory protection.

## EXPOSURE CONTROLS/PERSONAL PROTECTION CONT...

**Other:** Eyewash facility. Appropriate clothing to avoid skin contact.

**Exposure Guidelines:** See information provided in Section 2, Ingredients.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance & Odor:** Clear dark blue fluid, mild chemical

**pH (conc):** 9.1 - 10.1

**Vapor Pressure (mm Hg):** n/a

**Boiling Point (degrees F/C):** n/a / n/a

**Melting Point (degrees F/C):** 0.00 / 0.00

**Specific Gravity @ 60°F (H<sub>2</sub>O=1):** 0.9960 ± 0.01

**Softening Point (degrees F):** not determined

**Viscosity:** not available

**Percent Volatile:** -35%

**Octanol/Water Partition Coefficient:** not determined

**Molecular Weight:** not applicable

## 10. STABILITY & REACTIVITY

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

**Conditions to Avoid:** none known

**Incompatibility with other materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Potential combustion products are oxides of carbon and nitrogen.

## 11. TOXICOLOGICAL INFORMATION

**Eye Effects:** Concentrate will cause eye irritation.

**Skin Effects, Contact:** Concentrate may cause skin irritation.

**Skin Effects, Absorption:** No acute effects expected.

**Acute Oral Effects (Ingestion):** Oral LD50 not established. Do not ingest.

**Acute Inhalation Effects:** TLV for product not established. Refer to hazardous ingredients list for any ingredient TLV's. Mists of the concentrate and dilutions may cause respiratory irritation.

**Chronic Effects:** Prolonged or repeated contact with petroleum oil may remove natural oils and fats from the skin.

**WHMIS information (CANADA):**

## 12. ECOLOGICAL INFORMATION

**Ecotoxicological Information:** No specific ecological data are available for this product.

## 13. DISPOSAL CONSIDERATIONS

**US EPA Hazardous Waste Numbers:** This material is regulated as used oil by the EPA. Under the Used Oil Management Standards (40CFR279) effective 3/8/93, EPA presumes used oil will be recycled. If it is, no characteristic determination is required, provided all parties handling the used oil comply with part 279. These management standards apply to used oil until it is disposed of or sent for disposal. Individual state regulations may differ from the federal regulations. Refer to applicable state & local regulations for proper handling procedures.

**General Disposal Considerations:** Dispose of in accordance with local, state and federal regulations. Disposal of this material to the land may be banned by federal law (40CFR268).

## 14. TRANSPORT INFORMATION

**Hazardous Materials Description/Proper Shipping Name:** Petroleum oil, not regulated in containers less than 3500 gallons.

**Hazard Class :** Same as above **Identification No. (UN or NA Number):** Same as above

**Packing Group:** Same as above

**Freight Class:** NMFC 50455, Compounds or lubricants, metal cutting, drawing or drilling NOI

## 15. REGULATORY INFORMATION

### US FEDERAL REGULATIONS

**Hazardous per OSHA 29CFR1910.1200:** yes

**CERCLA/EPCRA:** Section 302 Extremely Hazardous Substances (EHS): No listed ingredients are present on the 302 list.

**Section 311/312 Hazard Class(es):** Immediate: YES Delayed: NO Fire: NO Reactivity: NO Sudden Release of Pressure: NO

**Section 313 Toxic Chemicals:**

**Other US Federal Regulations:** This product is a mixture and is NOT listed in the TSCA Inventory. The individual ingredients in the product are listed in the TSCA Inventory.

## 16. OTHER INFORMATION

**Petroleum Oil:** STEL:=10 mg/m<sup>3</sup>. Using terminology of the International Agency for Research on Cancer (IARC), the petroleum distillates listed in Section 2 are classified by the supplier as severely processed. Not all those listed in Section 2 may be present. The supplier has stated that these distillates do not require a carcinogen label as defined by OSHA 29CFR1910.1200.

**Alkanolamine:** This product contains an alkanolamine. In all metalworking fluids containing amines, there is a potential for forming nitrosamines which are animal carcinogens. Therefore, no nitrites or related nitrosating agents should be added to such compositions.

No component present in this product at >0.1% is presently listed as a carcinogen by IARC, NTP or OSHA.