



# SAFETY DATA SHEET

## ICE 32

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** ICE 32

**PRODUCT DESCRIPTION:** Automotive AC Compressor Lubricant Performance Enhancer.

**MANUFACTURER**

MJRD Specialty Chemicals  
7030 Windfern Rd  
Houston, TX 77040

**24 HR. EMERGENCY TELEPHONE NUMBERS**

CHEMTREC: 800-424-9300

**Emergency Contact:** Owen Massey

**Emergency Phone:** (713)907-9563

### 2. HAZARDS IDENTIFICATION

**GHS LABEL**

This product is not classified as hazardous according to 29CFR 1910.1200.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name          | Wt.% | CAS         |
|------------------------|------|-------------|
| Synthetic Lubricant(s) | 100  | Proprietary |
| Yellow Dye Concentrate | < 1  | Proprietary |

**COMMENTS:** \*Ingredients and composition are withheld as trade secret in accordance with 29CFR1910.1200(i).

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Immediately rinse skin with plenty of water. If irritation occurs, remove affected clothing. Get medical attention if irritation persists. Wash affected clothing separately before reuse.

**INGESTION:** Rinse mouth with water. Drink plenty of water. Do not induce vomiting. Get immediate medical attention if you feel unwell. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get immediate medical attention if symptoms persist.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** May cause eye irritation.

**SKIN:** May cause skin irritation.

**INGESTION:** May cause gastrointestinal irritation, nausea, and diarrhea.

**NOTES TO PHYSICIAN:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Non-flammable.

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate to surrounding fire. CO2, dry chemical, water spray, foam.

**HAZARDOUS COMBUSTION PRODUCTS:** May produce toxic fumes.

**EXPLOSION HAZARDS:** None Expected.

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**FIRE FIGHTING EQUIPMENT:** In case of fire, wear a full-face positive pressure self contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Contain and soak up spill with absorbent material. Place residues in a suitable, sealed and labeled container.

**LARGE SPILL:** Contain spill with inert, absorbent material. Reclaim into recovery or salvage drums or vacuum truck for proper disposal.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Prevent material from entering drains or watercourses using sand, earth or other appropriate barriers.

**LAND SPILL:** Prevent contamination of the soil.

**GENERAL PROCEDURES:** Avoid contact with skin or eyes. Avoid contact with spilled materials. Use appropriate personal protective equipment.

**SPECIAL PROTECTIVE EQUIPMENT:** Use protective equipment recommended in Section 8.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Handle in accordance with good industrial hygiene and safety practices.

**HANDLING:** Use only in a well ventilated area. Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin, and clothing. Keep away from heat and flame. Wash hands before eating, drinking, or smoking.

**STORAGE:** Keep container tightly closed in a dry, well-ventilated place away from direct sunlight. Store away from incompatible materials (see section 10).

**STORAGE TEMPERATURE:** Ambient

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Mechanical ventilation is recommended when working at elevated temperatures. Eye washes and showers for emergency use.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) or a face shield.

**SKIN:** Use protective clothing, sleeves, boots, face protection and chemical resistant gloves. Use extra precautions when working with heated materials.

**RESPIRATORY:** Use appropriate NIOSH approved respirator if necessary or risk of insufficient ventilation.

**WORK HYGIENIC PRACTICES:** Wash hands, forearms and face before eating, drinking, smoking and using the restroom. Launder contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**APPEARANCE:** Clear yellow Liquid

**COLOR:** Bright Yellow

**PHYSICAL STATE COMMENTS:** Clear, bright, viscous.

**pH:** Not Available

**FLASH POINT AND METHOD:** 176°C COC-ASTM D-92

**AUTOIGNITION TEMPERATURE:** Not Available

**BOILING POINT:** > 0.3°C

**POUR POINT:** -39°C

**SOLUBILITY IN WATER:** Slightly soluble

**SPECIFIC GRAVITY:** 0.95 g/ml at 20°C

**VISCOSITY #1:** 75 to 105 cSt at 40°C

**VISCOSITY #2:** ~ 12 cSt at 100°C

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** None Expected.

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Excessive heat, sparks or open flames.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

**INCOMPATIBLE MATERIALS:** Strong oxidizers.

## 11. TOXICOLOGICAL INFORMATION

**SERIOUS EYE DAMAGE/IRRITATION:** Not a primary irritant.

**RESPIRATORY OR SKIN SENSITISATION:** None Expected.

**GERM CELL MUTAGENICITY:** Not Available

**CARCINOGENICITY**

**NOTES:** Not Available

**REPRODUCTIVE TOXICITY:** Not Available

**STOT-SINGLE EXPOSURE:** Not Available

**GENERAL COMMENTS:** Used materials should be handled with caution. Proper health, safety, and disposal methods should be taken during handling of used materials. Avoid contact with skin and eyes.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** This product is not expected to be toxic to aquatic life.

**BIOACCUMULATION/ACCUMULATION:** Expected to have a very slow rate of bioaccumulation.

**DISTRIBUTION:** Slightly water soluble.

**CHEMICAL FATE INFORMATION:** Readily biodegradable.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose of contents/container to a licensed contractor or facility in accordance with local, state and federal regulations.

**EMPTY CONTAINER:** Clean container thoroughly and dispose to licensed disposal contractor.

**RCRA/EPA WASTE INFORMATION:** This product does not meet the criteria of a hazardous waste as defined in 40 CFR 261 as it does not exhibit the characteristics of hazardous waste.

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not regulated for transport

## 15. REGULATORY INFORMATION

**UNITED STATES**

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** All components listed or exempt.

**CALIFORNIA PROPOSITION 65:** Chemicals are in compliance of Proposition 65 Requirements

**CANADA**

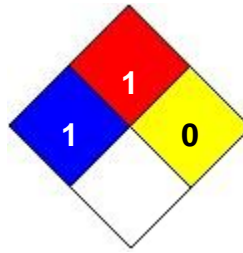
**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components are listed or exempt.

16. OTHER INFORMATION

HMIS RATING

|                     |                          |   |
|---------------------|--------------------------|---|
| HEALTH              | <input type="checkbox"/> | 1 |
| FLAMMABILITY        | <input type="checkbox"/> | 1 |
| PHYSICAL HAZARD     | <input type="checkbox"/> | 0 |
| PERSONAL PROTECTION | <input type="checkbox"/> |   |

NFPA CODES



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