# Safety Data Sheet

A-047

## Section 1: Product and Company Identification

| | | | |
|---|---|---|---|
| **Manufacturer** | Ideas Additives LLC<br>625 S Main St.<br>Lombard, IL 60148 | | |
| **Telephone** | (630) 620-2010 | **Fax** | (630) 620-2014 |
| **Product Names** | A-047 | | |
| **Recommended Use** | Non-Chlorine EP Agent | | |
| **Restrictions on Use** | For industrial/commercial use only | | |
| **Emergency Contact / Number** | (630) 620-2010 | | |

## Section 2: Hazard Identification

**Hazard Classifications**

| | |
|---|---|
| Eye damage/irritation | Category 2B – Causes eye irritation |

**Signal word** Warning

**Precautionary statement(s)**

| | |
|---|---|
| Prevention | Wash skin and contact areas thoroughly after handling. Wear protective gloves. |
| Response | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |

## Section 3: Composition/Information on Ingredients

| Component | CAS# | Concentration |
|---|---|---|
| Sulfurized olefin | Proprietary | 80 – 100 |
| Non-hazardous or low level ingredients | Mixture | Balance |

## Section 4: First Aid Measures

**Eye Contact**
Flush eyes with clean, lukewarm water for at least 15 minutes while holding eyelids open. Remove contacts. Get medical attention, preferably an ophthalmologist, if irritation occurs and persists.

**Skin Contact**
Wash affected area with mild soap and water then rinse with water. Remove any contaminated clothing and wash before reuse. Get medical attention if skin irritation or rash occurs and persists.

**Ingestion**
Never give anything by mouth to an unconscious person. Give water if victim is conscious. Do not induce vomiting without medical direction. Keep head below hips if vomiting occurs to prevent aspiration. Seek medical attention.

**Inhalation**
Remove to fresh air and seek medical attention if adverse effects are observed.

**Most Important Symptoms / Effects**
Eye pain or vision impairment, skin rash or allergic reaction

**Indication of Immediate Medical Attention and Special Treatment, If Necessary**
Persistent eye or skin pain or irritation, allergic reaction

## SECTION 5: FIREFIGHTING MEASURES

**Suitable and Unsuitable Extinguishing Media**
Product will burn at high temperatures. Use water spray or fog, dry chemical, foam. High pressure water stream may spread fire. No known unsuitable materials.
**Specific Hazards Arising from the Chemical**
May produce CO, $CO_2$, decomposition products, flammable gases, and acrid vapors in a fire. Closed containers may rupture or explode when exposed to extreme heat.
**Specific Protective Equipment and Precautions for Fire-Fighters**
Avoid breathing vapors and mists. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Do not enter enclosed area without a positive pressure, NIOSH-approved self-contained breathing apparatus. Closed containers may explode from high heat.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions**
Affected area may be slippery. Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material. See Section 8 for personal protection gear.
**Environmental Precautions**
Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers, or waterways. Advise EPA, state, or local agencies as required.
**Methods for Cleaning Up**
Stop leak if you can without risk. Do not discharge to the environment. Transfer to labeled, sealable containers for product recovery or safe disposal. Small spills can be handled using absorbent material and transferred to containers for disposal. Larger spills should be diked and absorbed with binding agents such as sand or vermiculite to prevent runoff to the environment or sewer. If material is too viscous for pumping scrape it up with shovels into suitable containers for recycle or disposal

## SECTION 7: HANDLING AND STORAGE

**Handling and Storage**
Wear protective clothing to prevent or minimize contact. Use good ventilation and follow all procedures and precautions for handling chemicals. Best stored in a dry place at 50 – 90 °F. Reseal lid on container after use. Store only in original or compatible, clearly labeled container.

## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

**Exposure Limits**

| Component Name | ACGIH | OSHA |
|---|---|---|
| None | | |

**Engineering Controls**
Use appropriate ventilation to maintain good air quality; avoid breathing aerosols or mists; use appropriate respirator if applicable.
**Eye and Face Protection**
Wear safety glasses or chemical safety goggles; use face shield when working with large amounts or when splashing is possible.
**Skin Protection**
Wear protective gloves to avoid repeated or prolonged contact. Nitrile gloves with coating thickness 0.4 mm, level 6 > 480 min breakthrough time or polyvinylchloride, coating thickness 0.7 mm, level 6, > 480 min breakthrough time are recommended.
**Respiratory Protection**
Maintain good ventilation or air flow. Wear suitable respiratory protection to avoid inhalation of aerosol particles.
**General Hygiene**
Follow accepted work practices for handling a possible eye irritant. Do not eat, drink, or smoke in areas where this product is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---|---|---|---|
| **Appearance/Physical State** | Amber liquid | **Flash Point (open cup)** | >285 °F |
| **Specific Gravity (Water=1)** | >0.9 | **Upper Flammability Limits** | Not Determined |
| **Evaporation Rate (ether = 1)** | <1 | **Lower Flammability Limits** | Not Determined |
| **pH** | Not Applicable | **Auto-ignition Temperature** | Not Determined |
| **Solubility in Water** | Insoluble | **Decomposition Temperature** | Not Determined |
| **Odor** | Bland | **Vapor Pressure (mm Hg/25 °C)** | <0.1 |

| | | | |
|---|---|---|---|
| **Odor Threshold** | Not Determined | **Vapor Density (Air-=1)** | Not Determined |
| **Melting/Freezing Point** | Not Determined | **Partition Coefficient (n-octanol/water)** | Not Determined |
| **Boiling Range** | Not Determined | **Viscosity (SUS @ 100 °F)** | Not Determined |
| **Initial Boiling Point** | 265 °F | **Critical Temperature** | Not Determined |
| Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately. | | | |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity** Not reactive under normal storage and use conditions
**Chemical Stability** Stable under normal storage and use conditions
**Possibility of Hazardous Reactions** Will not react under normal conditions. May react with strong oxidants or reductants.
**Conditions to Avoid** High temperatures or open flame
**Incompatible Materials** Strong acids, strong oxidizing agents
**Hazardous Decomposition Products** CO and $CO_2$, flammable gases, or vapors in a fire or at high temperature.

## SECTION 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

**Acute Toxicity Effects**

Likely routes of exposure are skin and eye contact. Eye contact may cause irritation. Short term contact with skin is to cause problems. Excessive or prolonged and repeated contact and poor hygiene conditions may result in irritation. Inhalation may cause respiratory irritation. Swallowing material may cause irritation of gastrointestinal tract, nausea, vomiting, diarrhea, or abdominal pain depending on the individual's sensitivity and the amount ingested.

**Chronic Toxicity Effects**

Long term or repeated exposure may aggravate any acute symptoms.

**Carcinogenicity**

NTP, OSHA and IARC have not identified any carcinogenic ingredients in this product.

## SECTION 12: ECOLOGICAL INFORMATION

This product has not been tested. Based on its main components it is not classified as hazardous to the aquatic environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

Do not dispose to sewer. Avoid release to the environment. Dispose of material and empty containers in accordance with local, state/province, and federal environmental regulations.

## SECTION 14: TRANSPORT INFORMATION

**DOT** Not Regulated
**IMDG** Not Regulated
**IATA** Not Regulated

## SECTION 15: REGULATORY INFORMATION

| | |
|---|---|
| **Chemical Inventories** | All ingredients are listed or exempt from listing on the TSCA, active (U.S.) and DSL (Canada) inventories. |
| **SARA 311/312 Reporting Categories** | None |
| **SARA 313 Reportable Ingredients** | None |
| **CERCLA (Comprehensive Environment Response, Compensation and Liability Act)** | No calculable reportable quantity (RQ) for this product |
| **California Prop 65** | Not listed |

## SECTION 16: OTHER INFORMATION

| | |
|---|---|
| **NFPA Rating** | Health=1; Flammability=1; Reactivity=0 |
| **Department Issuing SDS** | Health and Safety |

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