IDEAS · Additives

Safety Data Sheet

SRP-15

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer	Ideas Inc 625 S Main St. Lombard, IL 60148
Telephone	(630) 620-2010
Fax	(630) 620-2014
Product Names	SRP-15
Recommended Use	Sulfurized Blend
Restrictions on Use	For industrial/commercial use only
Emergency Contact / Number	(630) 620-2010

SECTION 2: HAZARD IDENTIFICATION

Hazards

Skin sensitizer Category 1A, May cause an allergic skin reaction



Signal Word Warning

Precautionary Statements

Prevention

Avoid breathing mist or spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.

Response

If on skin: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse.

Storage and Disposal

Dispose of contents and container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component Percent
Sulfurized olefin	Proprietary	30 – 50
2,5-bis(n-octyldithio)-1,3,4-thiadiazole	13539-13-4	1 – 5
Dioctyl disulfide	822-27-5	1 – 5
Non-hazardous ingredients	Mixture	Balance
Total		

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

Rash or allergic reaction

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Persistent eye or skin 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, sulfur oxides, decomposition products, flammable gases, and acrid vapors in a fire. Closed containers may rupture or explode when exposed to extreme heat. Avoid release of contaminated fire extinguishing water to sewers or the environment.

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, waterways, or environment. 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

Do not breathe vapors or mist. Avoid exposure, obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating, and drinking should be prohibited in the use area. Use good ventilation and follow all safety procedures and precautions for handling a possible sensitizer. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
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
Product and all components	Not established	Not established

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 vapor, mist, or aerosol particles.

General Hygiene

Follow accepted work practices for handling a possible sensitizer, skin, or 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	Yellow fluorescent liquid	**Flash Point**	300 °F
Specific Gravity (Water=1)	1.0 – 1.2	**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**	>300 °F
Odor	Petroleum	**Vapor Pressure**	Not Determined
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 (cSt @ 40 °C)**	Not Determined
Initial Boiling Point	Not Determined	**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, sulfur oxides, flammable gases, or vapors in a fire or at high temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Effects

Likely routes of exposure are skin and eye contact. Eye contact may cause irritation. Short term contact with skin is unlikely to cause irritation but may cause sensitization in susceptible individuals. Excessive or prolonged and repeated contact and poor hygiene conditions may result in irritation or sensitization. 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

Based on its main components this product is not an aquatic hazard but should not be released to the environment. The federal Clean Water Act requires contamination of surface waters by petroleum products to be reported immediately to the National Response Center.

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, provincial, and federal environmental regulations. This material may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other state and local 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 U.S. (TSCA-active) and Canadian (DSL) inventories.
SARA 311/312 Reporting Categories	Acute
SARA 313 Reportable Ingredients	None
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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