

Material Safety Data Sheet

Ultra Shield

ANTI-SEIZE®



TELEPHONE 715-832-4557

1. Product Identification

Product Name Ultra Shield
Chemical Family Anti-seize Lubricating Compounds

2. Composition

Ingredients	CAS#	OSHA/PEL	TLV	SARAIH	PROP65	Percent
Copper as dust or flume	7740-02-0	1mg/m3	1mg/m3	Yes	No	18-30
Petroleum Oil as mist	Mixture	5mg/m3	5m/m3	No	No	50-70
Aluminum as dust	7429-90-5	5mg/m3	5m/m3	Yes	No	1-5
Graphite purified	7440-44-0	15mg/m3	15mg/m3No	No	NO	10-30

3. Hazards Identification

Boiling Point:	Does not apply	Solubility in water:	Nil
Melting Point:	Does not apply	Reactivity in water:	None
Vapor Pressure:	No data	Specific Gravity:	12
Evaporation Rate:	0	Percent Volatile:	0
Appearance and odor:	grey colored paste, grease like odor		

4. Fire and Explosion Data

Flash Point and Method Used: 450°F, COC

Flammable Limits: LEL.: No data UEL: No Data

Extinguishing Media: Foam, CO2, Dry Chemical

Special Fire Fighting Procedures: This compound will not burn unless it is preheated. water fog may be used to cool the containers, but do not spray directly into large containers of burning liquids as frothing may occur. Wear an OSHA approved organic vapor respirator.

Unusual Fire and Explosion Hazards Dense smoke and noxious or toxic fumes may be generated in a fire. Fire fighters should wear a self contained breathing apparatus.

5. Physical Hazards

Stability: STABLE

Conditions to Avoid: Storage around strong oxidizer or peroxide.

Incompatibility: May react with strong oxidizer.

Hazardous Decomposition Products: The thermal decomposition products are highly dependent upon. the combustion conditions. Noxious or toxic fumes may be generated Some of which may be toxic or irritating.

Hazardous Polymerization: WILL NOT OCCUR

6. Health Hazards and First Aid

Health Hazards: This product is not particularly toxic. As with any petroleum based product, skin irritation can occur if prolonged or repeated skin contact occurs. Keep out of open wounds. Avoid breathing large quantities of the thermal decomposition fumes.

Skin: Wash with soap and water, using a nail brush. Pay particular attention to finger nails and open wounds.

Eyes: This product could cause some mechanical irritation if gotten into the eyes and rubbed . Flush eye with water for 15 minutes, lifting the eyelids. If irritation persists consult a physician.

Ingestion: If ingested this product is not expected to cause an acute reaction. This product contains a petroleum oil. Do not induce vomiting, because oil may be aspirated into the lungs. Use a gastric lavage, and call a poison control center or a physician.

Inhalation: Not likely under normal conditions of use. Use a local exhaust to remove fumes id dizziness or irritation occurs. Seek fresh air.

7. Special Precautions and Spill Procedures

Precautions to be taken in handling and storage:

Store away from strong oxidizer. Do not transfer to an unmarked container. Keep away from children.

Other Precautions:

Do not allow this material to enter sewers or waterways.

Spill/leakage Procedures:

Because of the grease like nature of this product leaks are not expected. Scoop back into the container.

Waste Disposal:

This compound may be a regulated waste in certain areas of the country. Follow local, state, and federal guide lines. Dispose of at an approved facility. Do not dispose of into waterways or sewers.

8. Special Protection Information

Respiratory Protection: Normally not required. If this product is being used in a high temperature application where the product "smokes", use a local exhaust or ventilate the area to maintain the quality or use an OSHA approved organic vapor respirator. If an individual is removing dry, flaky material, use a dust respirator.

Protective Gloves: Normally not required. If prolonged or repeated skin contact is expected, use a latex glove.

Eye Protection: Safety glasses are recommended.

Work/Hygienic Practices: Use good standard practices when using this material. Do not eat or smoke while using.

9. Regulatory Information

California proposition 85:

Ozone depleting substances: None
SARA Title III: Copper
CERCLA: Copper

RCRA:

No

DOT Shipping Class:

Not Hazardous

TASCA Inventory:

All ingredients listed

NFPA Rating:

H-1,F-0,R-0

We believe the information contained herein is current and accurate as of this date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of this product are not under the control of Anti-Seize R&D[®], Inc. or its agents or distributors, it is the user's obligation to determine the conditions of safe use of this product. The buyer should conduct its own tests of this product before use to determine proper preparation technique and suitability for proposed application. Anti-Seize R&D[®], Inc. warrants that the product conforms with Anti-Seize R&D[®]'s written specifications, and is free from defects and disclaims all other warranties, expressed or implied and is not responsible for loss claim of damages resulting from the use of its products.

Rev 01/03