



HARMFUL FLAMMABLE

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT IDENTIFICATION

<b>Product:</b>	<i>Aerosol Corrosion Spray Lubricant</i>	<b>Code No.:</b>	27612
<b>Manufacturer:</b>	<i>Star brite Distributing</i>	<b>Telephone:</b>	800-327-8583
<b>Address:</b>	<i>4041 S. W. 47 Ave. Ft. Lauderdale, FL 33314</i>	<b>Emergency:</b>	800-424-9300 or 703-527-3887

## SECTION 2 - PRODUCT COMPONENTS

	<u>Component Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Wt. %</u>	<u>CAS Number</u>
1)	Mineral Spirits	100 ppm	100 ppm	45-50	64742-88-7
2)	Hydrotreated Petroleum Oil	---	---	35-40	64742-58-1
3)	Acetone	750 ppm	750 ppm	1-5	67-64-1
4)	Petroleum distillates	5 mg/m3	5 mg/m3	1-5	64742-53-6
5)	Petroleum distillates	5 mg/m3	5 mg/m3	1-5	64742-52-5
6)	Carbon dioxide propellant	5,000 ppm	5,000 ppm	1-5	124-38-9

## SECTION 3 - PHYSICAL AND CHEMICAL CHARACTERISTICS<sup>1</sup>

<b>Boiling Point:</b>	<i>315°F IBP</i>	<b>Specific Gravity:</b>	<i>0.82 typical</i>
<b>Vapor Pressure:</b>	<i>1 @ 68°F</i>	<b>Water Soluble:</b>	<i>No</i>
<b>Vapor Density (Air = 1):</b>	<i>&gt; 1</i>	<b>Water Reactive:</b>	<i>No</i>
<b>Volume % Volatile:</b>	<i>65-75</i>	<b>pH:</b>	<i>NA</i>
<b>Appearance and Odor:</b>	<i>Amber liquid / petroleum odor</i>		

## SECTION 4 - FIRE AND EXPLOSION INFORMATION

<b>Flash Point (Method):</b>	<i>107° F<sup>1</sup> (TCC)</i>	<b>Auto-ignition Temp.:</b>	<i>ND</i>
<b>Flammable Limits, LEL:</b>	<i>ND</i>	<b>UEL:</b>	<i>ND</i>
<b>Flame Extension:</b>	<i>&gt;18"</i>	<b>Flashback:</b>	<i>No</i>
<b>Extinguishing Media:</b>	<i>Foam, dry chemical, carbon dioxide.</i>		
<b>Special Firefighting Procedures:</b>	<i>Use SCBA. Water is not suitable as an extinguishing media, but may be used to cool nearby containers.</i>		
<b>Unusual Fire and Explosion Hazards:</b>	<i>Aerosol containers may burst when exposed to temperatures in excess of 120°F.</i>		

## SECTION 5 - REACTIVITY DATA

<b>Stable:</b>	<i>Yes</i>	<b>Conditions to Avoid:</b>	<i>Heat, sparks, open flame.</i>
<b>Incompatibility:</b>	<i>Strong oxidizers like chlorine or concentrated oxygen.</i>		
<b>Hazardous Decomposition Products:</b>	<i>Combustion may produce carbon monoxide, other undetermined oxides, smoke and fumes.</i>		
<b>Polymerization:</b>	<i>No</i>	<b>Conditions to Avoid:</b>	<i>None known</i>

## SECTION 6 - HEALTH HAZARDS

<b>Primary Routes of Entry:</b>	<b>Oral:</b>	<i>No</i>	<b>Carcinogenic Listing:</b>	<b>NTP:</b>	<i>No</i>	
	<b>Inhalation:</b>	<i>Yes</i>		<b>IARC:</b>	<i>No</i>	
	<b>Skin Absorb.:</b>	<i>Yes</i>		<b>ACGIH:</b>	<i>No</i>	
<b>HMIS Rating: <sup>1</sup></b>	<b>Health:</b>	<i>2</i>	<b>Flammability:</b>	<i>3</i>	<b>Reactivity:</b>	<i>0</i>
<b>Signs/Symptoms of Exposure:</b>	<i>Dizziness, headaches, etc. from inhalation of vapors. May cause eye irritation. Prolonged or repeated skin contact may cause irritation.</i>					

## Emergency First Aid Procedures

<b>Eye Contact:</b>	<i>Flush with running water for 15 minutes, holding lid open to expose eye surface. Contact physician.</i>
<b>Skin Contact:</b>	<i>Remove contaminated clothing and shoes. Wash with mild soap and water, apply skin cream for irritation. Contact physician if irritation persists.</i>
<b>Inhalation:</b>	<i>Remove to fresh air at once. Apply artificial respiration if necessary. Contact physician immediately.</i>
<b>Ingestion:</b>	<i>Do not induce vomiting. Contact physician immediately.</i>
<b>Chronic Hazards:</b>	<i>Health studies have shown that many petroleum hydrocarbons pose human health risks that may vary from person to person. Prolonged or repeated occupational overexposure to solvents has been linked to permanent brain and nervous system damage. Intentional misuse by deliberate concentration and inhalation may be harmful or fatal. As a precaution, exposure to liquids or vapors should be minimized.</i>

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## SECTION 7 - SPECIAL PRECAUTIONS/SPILL & LEAK PROCEDURES

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<b>Precautions for Storage and Handling:</b>	<i>Keep containers closed when not in use. Do not use or store near open flame or strong oxidizers.</i>
<b>Other Precautions:</b>	<i>Avoid breathing vapors or mists; prolonged or repeated skin contact.</i>
<b>Spill or Leak Precautions:</b>	<b>** DANGER! LEAKING AEROSOLS CAN BE AN EXTREME FIRE AND EXPLOSION HAZARD!</b> <i>Remove ignition sources. Move leaking cans outdoors and empty into suitable container by depressing valve button. Small liquid spills may be taken up with absorbent material.</i>
<b>Waste Disposal Method:</b>	<i>Comply with all applicable regulations.</i>

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## SECTION 8 - SPECIAL PROTECTION & PRECAUTIONS

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<b>Respiratory Protection:</b>	<i>None required in normal use but an effective NIOSH/MSHA approved respirator should be used at any time when vapor concentrations exceed established standards.</i>
<b>Ventilation Type Required:</b>	<i>Adequate to maintain level below established standards.</i>
<b>Local Exhaust:</b>	Yes <b>Rate:</b> >60 fpm <b>Mech. (General)</b> No
<b>Gloves:</b>	<i>Chemical resistant</i>
<b>Eye Protection:</b>	<i>Face shield or safety glasses recommended.</i>
<b>Other Clothing/Equipment:</b>	<i>None required in normal use.</i>
<b>Work/Hygienic Practices:</b>	<i>Basic good housekeeping. Wash hands before eating or smoking. Smoke only in designated areas.</i>

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## SECTION 9 - SHIPPING/LABELING INFORMATION

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Call for information

<sup>1</sup> Values given in this section are for non-aerosolized product

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Abbreviations

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<b>NA</b>	<i>Not Applicable</i>	<b>mppcf</b>	<i>Million Parts per Cubic Foot</i>
<b>N AV</b>	<i>Not Available</i>	<b>ppm</b>	<i>Parts per Million</i>
<b>ND</b>	<i>Not Determined</i>	<b>mg/m<sup>3</sup></b>	<i>Milligrams per Cubic Meter</i>
<b>NE</b>	<i>None Established</i>	<b>CAS</b>	<i>Chemical Abstract Service</i>
<b>NTP</b>	<i>National Toxicology Program</i>	<b>SCBA</b>	<i>Self Contained Breathing Apparatus</i>
<b>IBP</b>	<i>Initial Boiling Point</i>	<b>fpm</b>	<i>Feet per Minute, Face Velocity</i>
<b>TCC</b>	<i>Tagliabue Closed Cup</i>		
<b>COC</b>	<i>Cleveland Open Cup</i>		
<b>IARC</b>	<i>International Agency for Research on Cancer</i>		
<b>OSHA</b>	<i>Occupational Safety and Health Administration</i>		
<b>ACGIH</b>	<i>American Conference of Governmental Hygienists</i>		

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Star brite assumes no obligation or liability for use of this information. UNLESS Star brite AGREES OTHERWISE IN WRITING, Star brite MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. Star brite WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.

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