

**Section 1 – MANUFACTURER INFORMATION**

<b>Manufacturer</b>	IMS Company	Emergency Phone	800-424-9300
	10373 Stafford Road	Prepared by	Product Safety Advisor
	Chagrin Falls, OH 44023-5296	Prepared/Revised	October 19, 2006
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**Products:**  
Item # 137083 *Clear Coat 3* Rust Preventive Spray

**Product Use:** To preserve finish on tool steels and other critical metal parts

**Hazardous Material Information System**

<b>Health</b> ..... 1	<b>Flammability</b> ..... 4	<b>Reactivity</b> ..... 0	<b>Protection</b> ..... X
* Chronic (Accumulates)			
0 Normal use Material	0 Will Not Burn	<b>0 Stable</b>	<b>X = Consult the</b>
<b>1 Slight Hazard (temporary)</b>	1 Possible to Burn	1 Unstable if Heated	<b>MSDS and</b>
2 Health Affected (lengthy)	2 Burns if Heated	2 Violent Chemical Change	<b>your supervisor</b>
3 Extreme Danger	3 Easily Burns	3 Shock and Heat Sensitive	<b>for your special</b>
4 Severe or Fatal	<b>4 Very Easily Burns</b>	4 May Explode	<b>workplace need</b>

NOTE The HMIS may not be enough hazard information for this chemical in all workplaces. The HMIS system requires employee training about the system and about information in this MSDS.

**Section 2 – INGREDIENTS INFORMATION**

Chemical/Common Name	CAS-Number	%	OSHA PEL ppm	OSHA STEL ppm	ACGIH TLV ppm	ACGIH OTHER STEL ppm
Liquefied Petroleum Gas	68476-85-7	10 to 30	1000	NE	1000	NE (1)
Petroleum Distillate	64741-86-2	15 to 35	5 mg/M <sup>3</sup>	NE	5 mg/M <sup>3</sup>	10 mg/M <sup>3</sup>
Aliphatic Petroleum Distillate	8052-41-3	15 to 35	100 ppm	NE	100 ppm	NE
Hexylene Glycol	107-41-5	1 to 7	25 ppm <sup>(2)</sup>	NE	25 ppm <sup>(2)</sup>	NE
Petrolatum	8009-03-8	30 to 50	<sup>(3)</sup> 5 mg/M <sup>3</sup>	NE	NE	<sup>(3)</sup> 5 mg/M <sup>3</sup>
Calcium Sulfonate	proprietary	1 to 4	NE	NE	NE	NE

(1) NIOSH IDLH is 2000 ppm

(2) Exposure limit is for inhalation. Because hexylene glycol does not vaporize readily, likely exposure is limited to direct inhalation of the spray.

(3) Exposure limit is general limit for oil mist

**Section 3 – HAZARDS IDENTIFICATION**

Pressurized containers. Causes slippery floors, which can cause slips and falls. Acute and chronic inhalation hazard.

**Emergency Overview:** Nearly colorless aerosol mist. Toxic fumes released in fire situations. Harmful or fatal if inhaled in high concentrations or if ingested (though ingestion is unlikely).

**HEALTH EFFECTS - Acute and Chronic**

**Inhalation:** Inhalation of vapor is harmful and may cause lung damage. High concentrations could cause dizziness, confusion, incoordination, drowsiness, heart rhythm irregularities, apprehension, unconsciousness or even death. Long-term exposure to mist could cause chemical pneumonitis or other harm.

**Ingestion:** Because of the nature of aerosol products, ingestion is unlikely to occur, but the product would be harmful or fatal if swallowed.

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### Section 3 – HAZARDS IDENTIFICATION (continued)

**Eyes:** Irritation

**Skin:** Prolonged or repeated skin contact can cause irritation, defatting of skin, and dermatitis. NOTE: direct contact with skin could cause frostbite.

**Chronic:** None known.

**PRIMARY ROUTES OF ENTRY:** Inhalation, Skin

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known.

### Section 4 – FIRST AID PROCEDURES

**Inhalation:** Remove to fresh air if gross overexposure. If breathing is irregular, have trained personnel supply oxygen if it is available. If breathing is stopped, have trained personnel administer artificial respiration. **\*\*Get Medical Help at once\*\***

**Eye Contact:** Flush eyes immediately with water for at least 15 minutes. Call a physician.

**Skin Contact:** Promptly flush area with water. Remove contaminated clothing and shoes. Wash exposed area with soap and water. Wash contaminated clothing and shoes before re-use.

**Ingestion:** Unlikely route of entry, but if ingestion does occur, do not induce vomiting, because the hazard of breathing the material into the lungs is considered greater than the hazard of swallowing it. If vomiting does occur, lower head below knees to avoid aspiration. Get medical help. Do not give liquids. Small amounts that accidentally enter mouth should be rinsed out until the taste is gone.

### Section 5 – FIRE-FIGHTING MEASURES

Flash Point (estimated) .....<0°F (-18°C)      Flammable Limits: not determined

Autoignition temperature .....not determined

EXTREMELY FLAMMABLE LIQUID AND VAPOR    VAPOR MAY CAUSE FLASH FIRE

**Extinguishing Media:** Foam, dry chemical, carbon dioxide

**Special Fire Fighting Procedures:** Under fire conditions, irritating and/or toxic vapors, or gases could be present. At elevated temperatures, pressurized containers may burst, vent, or rupture. Use equipment or shielding to protect personnel against bursting, rupturing, or venting containers. Cooling with water streams may be helpful.

**Unusual Fire and Explosion Hazards:** Firefighters should wear self-contained, positive-pressure breathing apparatus, due to thermal decomposition products, and should avoid skin contact.

**Hazardous Decomposition Products:** Not determined; however carbon monoxide, aldehydes, carbon dioxide and possibly incompletely burned hydrocarbon products would be expected.

### Section 6 – ACCIDENTAL RELEASE MEASURES

Avoid breathing vapors. Evacuate area and ventilate to reduce concentration of components below their exposure limits. Use protective equipment consistent with the situation. Pick up spilled liquid on absorbent material. If large release occurs indoors, turn off HVAC system to prevent vapors from contaminating entire building. Petroleum lubricants are likely to be deposited on floors, making them slippery. Immediately scatter sand or similar anti-slip material to prevent slip and fall injuries. Thoroughly clean floors to remove residual lubricants before returning them to service.

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### Section 7 – HANDLING AND STORAGE

**Precautions to be Taken in Handling and Storage:** Store all industrial chemicals away from food and beverages. Store below 120°F in cool, dry area, out of direct sunlight and away from strong oxidizers. Do not puncture or burn.

**Maintenance Precautions and Other Precautions:** Do not remove or deface label. Read and follow directions and cautions on the container label, and any accompanying literature. Product can cause slippery surfaces. Clean up spills promptly. Monitor floors for slipperiness. Vapors are heavier than air and will collect in low, enclosed areas.

### Section 8 – EXPOSURE CONTROLS – PERSONAL PROTECTION

**General:** If clothing is likely to be contaminated, wear polymer-coated apron or other body covering.

**Ventilation:** Local exhaust, or mechanical or special ventilation to maintain exposure limits.

**Respiratory Protection:** Generally not required if adequate ventilation is provided. If the exposure limit of the product or any of its components is exceeded, an approved organic vapor mask should be used (consult your safety equipment supplier). Above 1000 ppm, an approved self-contained breathing apparatus or airline respirator with full face-piece is required.

**Protective Gloves:** If prolonged or repeated contact is likely, wear solvent-resistant gloves.

**Other Protective Equipment:** If contact with the spray is likely, wear eye protection. Monogoggles or safety glasses with side shields and a face shield will provide protection in most situations. Do not wear contact lenses.

**Other Engineering Controls:** To determine exposure levels, perform monitoring. Eyewash station must be available. Avoid overspray.

**Work Practices:** Do not use in confined or closed space. Ventilation must maintain the concentration of the product and its components below their exposure limits.

**Hygienic Practices:** Avoid contact with skin and avoid breathing vapors. Do not eat, drink, or smoke in work area. Wash hands before eating, drinking, or using restroom after using this or any chemical product.

### Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point .....	NA	Specific Gravity (Water = 1) .....	< 1	Vapor Pressure (PSIG)	40 ± 10
Vapor Density (Air = 1) .....	> 1	Evaporation Rate (Ether) .....	slower		
% VOC by Volume.....	71.7	% VOC by Weight .....	66.3	Solubility in Water	negligible

**Appearance and Odor Information:** Clear to slightly amber mist with mild petroleum odor as dispensed from the spray system.

### Section 10 – STABILITY AND REACTIVITY

**Incompatibility (Materials to Avoid):** Strong alkalis, oxidizers, and reactive metals (i.e. potassium, sodium, zinc, magnesium). Strong bases, may react with strong oxidizers.

**Conditions to Avoid for Polymerization:** N/A

**Is the Product Stable?** Yes

**Conditions to Avoid for Stability:** Avoid contact with open flame, electric arcs, or other hot surfaces that can cause thermal decomposition. Avoid temperatures high enough to rupture container (>130° F).

**Will Hazardous Polymerization Occur?** No

**Section 11 – TOXICOLOGICAL INFORMATION**

COMPONENT	CARCINOGENICITY			ORAL TOXICITY	INHALATION TOXICITY
	IARC	NTP	ACGIH		
Liquefied Petroleum Gas	no	no	no	no data found	no data found
Petroleum Distillate	no	no	no	no data found	no data found
Aliphatic Petroleum Distillate	no	no	no	no LC50 or LD50 data found relating to normal routes of occupational exposure	
Hexylene Glycol	no	no	no	LD50 3700 mg/kg rat	no data found
Petrolatum	no	no	no	no data found	no data found
Calcium Sulfonate	no data found			no data found	no data found

**Section 12 – ECOLOGICAL INFORMATION**

Not an ozone-depleting substance.

**Section 13 – DISPOSAL CONSIDERATIONS**

Consult Federal, State, and Local regulations. When empty (zero pressure), open valve fully and break off plastic T-handle to keep valve from being closed. Since residue remains when tank is empty, leave label on. Dispose of tank according to local regulations. Where possible, please recycle.

**Section 14 – TRANSPORT INFORMATION**

**Ground (US DOT)** Consumer Commodity, Class ORM-D, ERG 126; **OR** Aerosols (Limited Quantity), Class 2.1, ERG 126  
**Air (IATA) Vessel** Consumer Commodity, Class 9, UN/ID No. ID 8000, Packing 910, Authorization: Limited Quantity  
 Aerosols (Limited Quantity), Class 2, UN No 1950

**Section 15 – REGULATORY INFORMATION**

COMPONENT	CAS#	SARA 313	California PROP 65
		None	none

**ADDITIONAL COMMENTS**

**CAUTION Intentional misuse of this chemical product, as with any industrial chemical, in contact with the body can be harmful or fatal. This includes such things as deliberately breathing, placing in mouth, swallowing, placing on skin, or any other body contact, or repeated, or continuous contact.**

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