

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product:	RL-11	Trade Name:	Heavy-Duty Rust Inhibitor
Manufacturer:	AGS Company	Common Name:	Lubricant
Street Address:	2651 Hoyt St		
City/ State/ Zip	Muskegon Hts., MI 49444		
Phone:	800-253-0403		
Phone:	231-733-2101	Original Issue Date:	11/1/2006
FAX:	231-733-1784	Revision No	4 Date 12/10/2012
Transportation Emergency:	CHEM-TEL		
Phone:	800-255-3924		

SECTION 2 - COMPOSITION/ INFORMATION ON INGREDIENTS

ITEM	CAS NUMBER	WT/WT %
1 Propane/Isobutane/N-Butane	68476-86-8	35.0%
2 N-Heptane	142-82-5	20.0%
3 Olefin Polymer	Proprietary	15.0%

EXPOSURE LIMITS

ITEM	ACGIH		OSHA	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING
1	1000 ppm	N.E.	800 ppm	N.E.
2	400 ppm	500 ppm	400 ppm	500 ppm
3	5 mg/m3	10 mg/m3	5 mg/m3	N.E.

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

*****EMERGENCY OVERVIEW*****

Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion.

EYE CONTACT: Liquid and vapors may be irritating and can cause pain, tearing, reddening and swelling.

SKIN CONTACT: Prolonged or repeated contact may result in irritation and/or dermatitis.

INHALATION: Prolonged inhalation may cause headaches, dizziness, nausea and drowsiness leading to unconsciousness.

INGESTION: This material may be harmful or fatal if swallowed.

CHRONIC HAZARDS: Overexposure may cause nervous system, pulmonary and kidney damage.

Primary Route(s) of Entry Inhalation, skin and eye contact or ingestion.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN CONTACT: Immediately flush with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

INGESTION: Get medical attention immediately. If swallowed, DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 - FIRE FIGHTING MEASURES

MATERIAL SAFETY DATA SHEET

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

PRODUCT LD-50 5800 mg/kg PRODUCT LC-50 50100 ppm

COMPONENT TOXICOLOGICAL INFORMATION:

CHEMICAL NAME	LD50	LC50
Propane/Isobutane/N-Butane	NE	658000 mg/m ³ /4h/rat
Hydrotreated, Severe, Lt. Naphthenic Di	NE	NE
N-Heptane	>7100 mg/kg/rat	103000 mg/m ³ /4h/rat
Olefin Polymer	ND	ND
Petrolatum	>50000 mg/kg/mouse	NE
Lube Oil Additive	NE	NE
Mineral Oil Hydrotreated (Severe)	ND	ND
Aluminum Isopropoxide	11300 mg/kg/rat	NE
Polytetrafluoroethylene	NE	NE
Petroleum Lubricating Grease	NE	NE
Tetrafluoroethylene	NE	40000 ppm/rat

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No information

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME Aerosol - Consumer Commodity

DOT TECHNICAL NAME ORM-D

DOT HAZARD CLASS 2 HAZARD SUBCLASS: 2.1

UN / NA NUMBER: UN1950 PACKING GROUP: NA RESP. GUIDE PAGE 126

SECTION 15 - REGULATORY INFORMATION

U.S FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazardous by definition of Hazard Communication Standard (29 cfr 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard Fire Hazard Pressurized Gas Hazard

SARA SECTION 313

This product contains the following substance subject to the reporting requirements of Section 313 of Title of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT /WT % IS LESS THAN
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MATERIAL SAFETY DATA SHEET

No SARA Section 13 components exist in this product %

TOXIC SUBSTANCE CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

CHEMICAL NAME	CAS NUMBER
N-Heptane	142-82-5

U.S. STATE REGULATIONS: AS FOLLOWS -

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME	CAS NUMBER
Hydrotreated, Severe, Lt. Naphthenic Dist.	64742-52-5
Petrolatum	8009-03-8

PENNSYLVANIA RIGHT-TO-Know

The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME	CAS NUMBER
Hydrotreated, Severe, Lt. Naphthenic Dist.	64742-52-5
Petrolatum	8009-03-8

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are know to the state of California to causes cancer, birth defects or other reproductive harm.

CHEMICAL NAME	CAS NUMBER
Tetrafluoroethylene	116-14-3

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS: Health 1 Flammability 4 Reactivity 0

VOLATILE ORGANIC COMPOUNDS (VOCs): 2.93 lbs / gal 351 grams / liter

LEGEND: N.A. Not Applicable N.E. Not Established
N.D. Not Determined

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