

MATERIAL SAFETY DATA SHEET

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Item Number :05E017-1

Page 1 of 4

N/D=Not Determined

N/A=Not Applicable

SECTION	IDENTIFICATION
IDENTITY : PRETON R-301K	DATE PREPARED : 12 / 2/ 2010
CHEMICAL FAMILY : Rust Preventive Oil	
EMERGENCY PHONE NUMBER : Japan 052-211-6000	

SECTION	HAZARDOUS INGREDIENTS
HAZARDOUS COMPONENTS	ACGIH TLV %
Aliphatic Hydrocarbon	TWA 5mg/m ³
Mineral Oil	(as oil mist)

SECTION	PHYSICAL DATA		
BOILING POINT (°F)	N/D	SPECIFIC GRAVITY (H ₂ O =1)	0.83
VAPOR PRESSURE (mmHg)	N/D	PERCENT VOLATILE BY VOLUME (%)	N/D
VAPOR DENSITY (AIR=1)	N/D	EVAPORATION RATE	N/D
SOLUBILITY IN WATER	Negligible	p H	N/A
APPEARANCE AND ODOR	Brown Liquid - Mild Odor		

SECTION	FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT (Method used) : > 158 ° F		
FLAMMABLE LIMITS	LEL : 1.0%	UEL : 7.0%
EXTINGUISHING MEDIA : Dry chemical, carbon dioxide, or foam. Foam may cause frothing or spluttering, and should be applied carefully .		
SPECIAL FIRE FIGHTING PROCEDURES : Wear full protective equipment, including full bunker gear and SCBA respiratory protection. Use water to keep fire exposed containers cool. If a leak or spill has not ignited, use water to disperse the vapors or to flush the spill from fire exposure. Vapors may travel along the ground or be moved by ventilation and be ignited at locations distant from the bulk.		
UNUSUAL FIRE AND EXPLOSION HAZARDS: Hot vapors from explosive mixtures with air.		

SECTION		REACTIVITY DATA	
STABILITY	UNSTABLE		
	STABLE	×	
CONDITION TO AVOID			Sparks and open flames
INCOMPATIBILITY (Materials to avoid)			Strong Acid and Oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS UPON COMBUSTION:			
Fumes and smoke possibly Including CO, CO ₂			
HAZARDOUS	MAY OCCUR		
POLYMERIZATION	WILL NOT OCCUR	×	
CONDITIONS TO AVOID: None			

SECTION		HEALTH HAZARD DATA		
PRIMARY ROUTES OF EXPOSURE	INHALATION	SKIN	INGESTION	
	×	×	×	

HEALTH HAZARDS (ACUTE & CHRONIC) :

SKIN CONTACT : Prolonged or repeated skin contact may cause irritation.

EYE CONTACT : Cause eye irritation upon contact.

INGESTION : This product has a low order of acute oral toxicity, but small amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury.

CARCINOGENICITY : None of the ingredients of this product are listed as carcinogenic by OSHA, NTP or IARC.

SIGNS & SYMPTOMS OF EXPOSURE :

Excessive oil mist inhalation may cause dizziness, nausea and difficulty breathing.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE : Sensitive skin.

EMERGENCY AND FIRST AID PROCEDURES :

SKIN CONTACT : In case of contact, wash skin with warm water and mild soap.

EYE CONTACT : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
Get medical attention.

INGESTION : If swallowed, call a physician immediately. ONLY induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious.

SECTION	PRECAUTIONS FOR SAFE HANDLING USE
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED :

In case of spill, evacuate area and secure sources of ignition. Clean up spill immediately. Avoid contamination of sewers and waterways.

Wear approved respiratory equipment during clean up if area is not ventilated adequately. Soak up with sand, earth or other inert material.

WASTE DISPOSAL METHOD :

Dispose of in accordance with local and federal regulation. Avoid contamination of sewers and waterways.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING :

Avoid contact with eyes, skin and clothing.

Remove contaminated clothing, launder before reuse. Wash thoroughly after handling. Keep container tightly closed and away from sparks or flames.

OTHER PRECAUTIONS :

Since emptied containers retain product residue, follow label warnings even after container is emptied.

SECTION	CONTROL MEASURES
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RESPIRATORY PROTECTION :

Not normally required.

VENTILATION :

Provide general ventilation and local exhaust sufficient to prevent exceeding exposure limits.

PROTECTIVE GLOVES :

Oil impervious to avoid prolonged repeated contact.

EYE PROTECTION :

Safety glasses or goggles for splash protection.

OTHER PROTECTIVE EQUIPMENT :

Use as required to avoid prolonged or repeated skin contact.

HYGIENIC PRACTICES :

Wash thoroughly before meals, breaks, and at the end of work period.

Remove contaminated clothing and launder before reuse.

SECTION ENVIRONMENTAL

Contains no ingredients subjects to release reporting.

TOXIC SUBJECTS CONTROL ACT,

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