

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
NFPA Rating: Health-1; Flammability-3; Reactivity-0; Special- -			HMIS Rating: Health-1; Flammability-3; Reactivity-0; Personal Protection-B			
Distributor's Name: <b>IBS, INC.</b>			DOT Hazard Classification: ORM-D			
Address: P.O. Box 1717 Auburn, WA 98071-1717			Identity (trade name as used on label): <b>RED GREASE AEROSOL IBS No. 74114</b>			
Date Prepared: 06/06/03		Prepared By: AH/IB		MSDS Number: 74114 Revision- 10		
Information Calls: (800) 678-1906			NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			
EMERGENCY RESPONSE NUMBER: 1(800)255-3924						
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
PETROLEUM DISTILLATE		8002-05-9	No	500	500	d
ISOBUTANE		75-28-5	No	800	800	d
PROPANE		74-98-6	No	1000	1000	d
HEPTANE		142-82-5	No	500	500	d
ACETONE		67-64-1	No	1000	750	d
PARAFFINIC PETROLEUM DISTILLATE		64742-47-8	No	100	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: N/A			Specific Gravity (H2O=1): Concentrate Only = .81			
Vapor Pressure: PSIG @ 70°F (Aerosols): 25-46 psig			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A			
Vapor Density (Air = 1): ND			Evaporation Rate ( = 1): N/E			
Solubility in Water: Nil			Water Reactive: No			
Appearance and Odor: Red color with solvent odor.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) >18" w/flash back to tip: <b>EXTREMELY FLAMMABLE</b>		Auto Ignition Temperature N/E		Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E		
FLASH POINT AND METHOD USED (non-aerosols): N/A			SPECIAL FIRE FIGHTING PROCEDURES: Use water fog to cool containers to prevent rupturing and bursting.			
EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.						
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture. Provide shielding to protect personnel.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE			HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
Incompatibility (Mat. to avoid): Oxygen & oxidants.			Conditions to Avoid: Open flame, welding arcs, heat, sparks.			
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS						
ACUTE EFFECTS						
Inhalation: Can cause headaches, dizziness.						
Eye Contact: Irritation			Skin Contact: Can cause skin defatting.			
Ingestion: Possible chemical pneumonitis if aspirated into lungs.						
CHRONIC EFFECTS: None known.						
Medical Conditions Generally Aggravated by Exposure: Asthma.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.						
Skin Contact: Wash with soap and water. If irritated, seek medical attention.						
Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.						
Ingestion: <b>DO NOT INDUCE VOMITING.</b> Drink two large glasses of water. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
Respiratory Protection (specify type): Not normally needed. If TLV is exceeded, use respirator approved by NIOSH for organic vapors.						
Protective Gloves: Solvent resistant.			Eye Protection: Safety glasses.			
Ventilation Requirements: Normal room ventilation is sufficient with periodic use. For continuous spray, local exhaust provided by explosion proof motor is recommended.						
Other Protective Clothing & Equipment: None required. Eyewash station suggested.						
Hygienic Work Practices: Wash with soap and water after contact.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
Steps To Be Taken If Material Is Spilled Or Released: Cover with absorbent material and sweep up. Wash area to prevent slipping. Incinerate or landfill according to local, state or federal regulations.						
Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.						
Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.						
Other Precautions &/or Special Hazards: <b>KEEP OUT OF REACH OF CHILDREN.</b>						

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only