

M A T E R I A L S A F E T Y D A T A S H E E T
CS-50 BELT DRESSING AEROSOL

SEP 30 1994

PRODUCT NAME: CS-50 BELT DRESSING AEROSOL
FORMULA KEY: -CSA-0141A
FINISHED GOODS: CLING SURFACE AEROSOL
BELT DRESSING 10090 6 oz. Aerosol BULL ROPE CONDITIONER 40225 16 oz. Aerosol

HMIS CODES: H F R P
1 4 0 B

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: ITW FLUID PRODUCTS GROUP
ADDRESS : 8501 DELPORT DRIVE
 ST. LOUIS, MO 63114
EMERGENCY PHONE : 800-4249300 CHEMTRECDATE REVISED : March 31, 1993
INFORMATION PHONE : 800-443-9536 DATE PRINTED : 07/13/94
NAME OF PREPARER : JAMES A SEPER

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
510 DISTILLATE ACGIH 5 mg/m ³ as oil mist	068476-34-6	6 106 F	11-30%
ISOBUTANE OSHA TLV 1000 ppm	000075-28-5	50 70 F	11-30%
PETROLEUM SOLVENT ACGIH: 100 PPM TWA	064742-88-7	<5 100 F	11-30%

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 10 F - 368-402 F SPECIFIC GRAVITY (H₂O=1): 0.89
VAPOR DENSITY: (Air = 1): >1 EVAPORATION RATE: (BuAc=1): >1
COATING V.O.C.: 5.27 lb/gl MATERIAL V.O.C.: 5.27 lb/gl
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Dark brown viscous liquid with asphalt odor.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: -156 F METHOD USED: OC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: .8 UPPER: 9.5%
EXTINGUISHING MEDIA: Water No, CO2 Yes, Dry chemical Yes, Foam Yes, Alcohol foam No.
SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus in confined areas.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may travel along ground, or be moved by ventilation and be ignited by ignition source.

===== SECTION V - REACTIVITY DATA =====

STABILITY: Chemically stable.
CONDITIONS TO AVOID: Heat, sparks, and open flames.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon.
HAZARDOUS POLYMERIZATION: Will not occur.

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: High concentrations of vapors may produce irritation of the respiratory tract, headache, dizziness, and nausea.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Moderate irritant.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Symptoms: Nausea and vomiting. Do not induce vomiting. If vomiting occurs keep head below hips to prevent aspiration of liquid into lungs. Call a physician immediately.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Acute: Eyes: Moderate irritant Skin: Moderate irritant Inhalation: High concentrations of vapors may produce irritation of the respiratory tract, headache, dizziness, and nausea. Ingestion: Similar to inhalation.

Chronic: Prolonged repeated overexposure to this product may lead to skin sensitization or dermatitis.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No
ACGIH CARCINOGENICITY: No

TOXICITY DATA:

INGREDIENTS	ORAL LD50 (RAT)	DERMAL LD50 (RABBIT)	INHALATION LD
N/A			

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Skin disorders, respiratory disorders

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush well with water. Contact a physician if irritation persists.

SKIN: Wash with soap and water.

INHALATION: Remove patient to fresh air. If breathing is difficult, administer oxygen.

INGESTION: Do not induce vomiting. Contact a physician. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Prevent skin and eye contact. Use non-combustible material to confine and/or absorb. Eliminate ignition sources. Ventilate area.

WASTE DISPOSAL METHOD: Remove to a waste disposal facility operating in compliance with federal, state, and local regulations.

Applicable CERCLA/RCRA Hazardous Waste Codes: D001 (ignitability);

Reportable Quantity under CERCLA, in pounds: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: --- 'Empty' containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, sparks, flames, static electricity, or other sources of ignition.

--- Use with adequate ventilation.

NOTE: This product contains a highly flammable propane-containing propellant. The flash point and boiling point that are listed correspond to pure propane.

Proper shipping name: Consumer Commodity ORM-D

OTHER PRECAUTIONS: WARNING: Many hot organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below those published in the literature as "autoignition" or "ignition" temperatures. Ignition temperatures decrease with increasing vapor volume and vapor/air contact time, and are influenced by pressure changes.

Ignition of organic chemical vapors may occur at typical elevated-temperature process conditions, especially in processes operating under vacuum if subjected to sudden ingress of air, or outside process equipment operating under elevated pressure if sudden escape of vapors or mists to the atmosphere occurs.

Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION: None required for normal use with adequate ventilation. In poorly ventilated areas, use NIOSH approved organic vapor respirator.

VENTILATION: Local exhaust is recommended for confined areas. General mechanical ventilation is adequate for normal use.

PROTECTIVE GLOVES: Chemical resistant rubber gloves, such as Polyvinyl chloride-coated, and other protective gear as required to minimize skin contact.

EYE PROTECTION: Safety glasses. Splash proof goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye bath and safety shower.

WORK/HYGIENIC PRACTICES: Follow current H.M.I S. regulations.

===== SECTION IX - DISCLAIMER =====

ITW Fluid Products Group bases the information and recommendations in this document on data believed to be correct. No warranty of any kind, however, is made as to the information in this document.