

MSDS

WD-40- WD40 Aerosol - Corrosion Preventative Compound

Material Safety Data Sheet

NSN: 9150009329491

Manufacturers CAGE: 09137

Part No. B

Part Number/Trade Name: WD40 Aerosol

General Information

Item Name: Corrosion Preventive Compound

Company's Name: WD-40 Company

Company's Street: 1061 Cudahy Place (92110)

Company's P.O. Box: 80607

Company's City: San Diego

Company's State: CA

Company's Country: US

Company's Zip Code: 92138-9021

Company's Emerg Ph #: 619-275-1400, CHEMTREK 800-424-9300

Company's Info Ph #: 619-275-1400

Record No. for safe Entry: 002

Tot safety Entries This Stk#: 003

Status: SE

Date MSDS Prepared: 01OCT93

Safety Data Review Date: 17Jun96

Supply Item Manager: CK

MSDS Preparer's Name: R. Miles

MSDS Serial Number: BPFZ

Specification Number: MIL-C-23411

Spec Type, Grade, Class: 1 TYPE

Hazard characteristic Code: F1

Unit of Issue: CN

Unit Of Issue Container Qty: 16 Ounces

Type of Container: Can, Aerosol

Net Unit Weight: 1 Lb.

Ingredients/Identity Information

Proprietary: No

Ingredient: Stoddard Solvent

Ingredient Sequence Number: 01

Percent: 50

NIOSH (RTECS) Number: WJ8925000

CAS Number: 8052-41-3

OSHA PEL: 500 PPM

ACGIH TLV: 100 PPM; 9596

Other Recommended Limit: None Recommended

Proprietary: No

Ingredient: LPG (Liquified Petroleum Gas)

Ingredient Sequence Number: 02

Percent: 25

NIOSH (RTECS) Number: SE7545000

CAS Number: 68476-85-7

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM; 9596

Other Recommended Limit: None Recommended

Proprietary: No

Ingredient: Mineral Oil, Petroleum Distillate, Solvent Dewaxed (Mild)

Ingredient Sequence Number: 03
Percent: >15
NIOSH (RTECS) Number: PY8038500
CAS Number: 67472-65-0
OSHA PEL: Not Established
ACGIH TLV: Not established
Other Recommended Limit: None Recommended

Proprietary: No
Ingredient: Non-Hazardous Ingredients
Ingredient Sequence Number: 04
Percent: <10
NIOSH (RTECS) Number: 1000314NH
OSHA PEL: Not Established
ACGIH TLV: Not established
Other Recommended Limit: None Recommended

Physical/Chemical Characteristics

Appearance and Odor: Aerosol. Liquid is light amber with characteristic odor
Vapor Pressure (mm Hg / 70°F): 55psi@70F
Vapor Density (Air=1): >1
Specific Gravity: 0.71
Decomposition Temperature: Unknown
Solubility in Water: Insoluble
Percent Volatiles by Volume: 80
Corrosion Rate (IPY): Unknown

Fire and Explosion Hazard Data

Flash Point: Extremely Flambl
Lower Explosive Limit: 1.8
Upper Explosive Limit: 9.5
Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam
Special fire Fighting Proc: Use a self-contained breathing apparatus and full protective equipment. Cool fire exposed containers with water fog.
Unusual Fire and Expl Hazrds: ****EXTREMELY FLAMMABLE - U.F.C. Level 3 Aerosol****

Reactivity Data

Stability: Yes
Cond to Avoid (Stability): High heat, Sources of Ignition
Materials To Avoid: Strong Oxidizing Agents
Hazardous Decomp Products: Carbon Dioxide, Carbon Monoxide
Hazardous Poly Occur: No

Health Hazard Data

LD50-LC50 Mixture: TLV is 100PPM (Aliphatic Pet Distillates)
Route of Entry - Inhalation: Yes
Route of Entry - Skin: Yes
Route of Entry - Ingestion: Yes
Health Haz Acute and Chronic: Eyes: May cause irritation. Skin: May cause irritation and dryness. Ingest: May cause GI tract irritation. May cause lung damage if vomited after ingesting.
Inhal: May cause respiratory irritation and CNS effects.
Carcinogenicity-NTP: No
Carcinogenicity-IARC: No

Carcinogenicity-OSHA: No

Explanation Carcinogenicity: There are no ingredients above 0.1% which are identified as carcinogens by NTP, IARC, or OSHA.

Signs/symptoms of Overexposure: INHAL: Anesthesia, headache, dizziness, nausea

EYES: Tearing, redness. INGEST: Nausea, vomiting, diarrhea.

Med Cond Aggravated by EXP: None specified by Manufacturer

Emergency/First Aid Proc: Skin: Remove contaminated clothing; wash with soap and water.

EYES: Flush with water for 15 minutes. INHAL: remove to fresh air. Give oxygen or artificial respiration if needed. INGEST: Do not induce vomiting. Get prompt qualified medical attention.

Precautions for Safe Handling and Use

Steps if Matl Released/Spill: Spill is unlikely from aerosol cans. Leaking cans should be placed in a plastic bag or pail until pressure has dissipated.

Neutralizing Agent: Not Applicable

Waste Disposal Method: Dispose of in accordance with Federal, State, and Local regulations.

Empty aerosol cans should not be punctured or incinerated; Liquid should be incinerated or buried in land fill. RCRA code D100 (Ignitable).

Precautions-Handling/Storage: Store at temperatures below 120F. Follow label directions.

Other Precautions: Follow label directions. Avoid breathing vapors. Avoid skin and eye contact.

Control Measures

Respiratory Protection: Where environmental controls are lacking or in enclosed spaces use a NIOSH/MSHA approved respirator for organic vapors.

Ventilation: Use general dilution ventilation

Protective Gloves: Impervious Gloves

Eye Protection: Safety glasses or goggles

Other Protective Equipment: None

Work Hygienic Practices: Use reasonable care in handling this product. Wash hands after use and before eating

Suppl. Safety and Health Data: None

Transportation Data

Trans Data Review Date: 96169

DOT PSN Code: AGC

DOT Proper Shipping Name: Aerosols, Flammable

DOT Class: 2.1

DOT ID Number: UN1950

DOT Label: Flammable Gas

IMO PSN Code: AIY

IMO Proper Shipping Name: Aerosols Dispensers

IMO Regulations Page Number: 9022

IMO UN Number: 1950

IMO UN Class: 9

IMO Subsidiary Risk Label: -

IATA PSN Code: ALS

IATA UN ID Number: 1950

IATA Proper Shipping Name: Aerosols, Flammable, N.O.S. *

IATA Label: Flammable Gas

AFI PSN Code: ALR

AFI Symbols: *

AFI Prop. Shipping Name: Aerosols, Flammable, N.O.S.

AFI Class: 2.1

AFI ID Number: UN1950

AFI Basic Pac Ref: A6.3

NMAC Code: NR

N.O.S. Shipping Name: Aliphatic Petroleum Distillates, A-70 Hydrocarbon Propellant

Additional Data: None

Disposal Data

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Label Data

Label Required: Yes

Technical Review Date: 17JUN96

MFR Label Number: Unknown

Label Status: F

Common Name: WD-40 Aerosol

Signal Word: Danger

Acute Health Hazard - Slight: X

Contact Hazard - Slight: X

Fire Hazard - Severe: X

Reactivity Hazard - None: X Special Hazard Precautions: EYES: May cause irritation.

SKIN: May cause irritation and dryness. INGEST: May cause GI tract irritation. May cause lung damage if vomited after ingesting. INHAL: May cause respiratory irritation and CNS effects.

Store at temperatures below 120F. Follow label directions. Flush with water for 15 minutes.

INHAL: Remove to fresh air. Give oxygen or artificial respiration if needed. INGEST: do not induce vomiting. Get prompt qualified medical attention.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: WD-40 Company

Label P.O. Box: 1061 Cudahy Place (92110)

Label City: San Diego

Label State: CA

Label Zip Code: 92138-9021

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Label Emergency Number: 619-275-1400 CHEMTREC 800-424-9300