

58



SAFETY DATA SHEET

Prepared Date: 12/31/2013
Revision Date: 11/19/2014

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 4-WAY SPRAY General Purpose Lubricant
PRODUCT NUMBER: 891.101
PRODUCT USE: Penetrant Lubricant
MANUFACTURED FOR: Winzer Corporation
4060 E. Plano Parkway
Plano, TX 75074
COMPANY PHONE NUMBER: 800-527-4126
24 HOUR EMERGENCY PHONE: INFOTRAC 1-800-535-5053 (USA & Canada)

SECTION 2 – HAZARD(S) IDENTIFICATION

CLASSIFICATION:
Flammable Aerosol: Category 1
Liquefied Gas
Eye Irritant: Category 2b
Aspiration Hazard: Category 1

HAZARD STATEMENT(S):
DANGER:
Extremely Flammable Aerosol
Contains gas under pressure: May explode if heated.
Causes eye irritation.
May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 2%.

PICTOGRAM SYMBOL(S):



PRECAUTIONARY STATEMENTS:

Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations.

HAZARDS NOT OTHERWISE CLASSIFIED: N/A.



SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	PERCENT
Isoparaffinic Hydrocarbon	64742-47-8	15-40%
Mineral Seal Oil	64741-44-2	15-40%
Petroleum Distillate, Solvent-Refined Heavy Paraffinic	64741-88-4	5-10%
Petroleum Distillate, Solvent-Refined Light Paraffinic	64741-89-5	1-5%
Mineral Spirits	64475-85-0	1-5%
Ethyl Acetate	141-78-6	3-7%
Propane / n-Butane	68476-86-8	10-30%

SECTION 4 – FIRST AID MEASURES**FIRST AID:**

EYES: Immediately flush with water for 15-20 minutes while holding eyelids open. Seek medical attention if irritation persists.

INGESTION: If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS:

Eye: stinging, tearing, redness.

Oral: Aspiration risk.

Skin: Prolonged or repeated contact may dry skin.

CHRONIC HEALTH HAZARDS: None known.

NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION 5 – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO₂).

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear SCBA in fire situations.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to Section VIII for proper Personal Protective Equipment.

SPILL: Absorb spill with non-combustible material such as vermiculite, sand or earth.

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

RCRA STATUS: Waste solvent likely considered F003, Flammable, Non-halogenated solvent, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7 – HANDLING AND STORAGE

HANDLING AND STORAGE: Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: Strong oxidizing agents. Strong reducing agents.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Isoparaffinic Hydrocarbon	5 mg/m	35 mg/m ³
Mineral Seal Oil	5 mg/m	35 mg/m ³
Petroleum Distillate, Solvent-Refined Heavy Paraffinic	Not Established	Not Established
Petroleum Distillate, Solvent-Refined Light Paraffinic	Not Established	Not Established
Mineral Spirits	500 ppm	300 ppm
Ethyl Acetate	400 ppm	400 ppm
Propane / n-Butane	1000 ppm	1000 ppm

ENGINEERING CONTROLS / VENTILATION: General ventilation adequate.

RESPIRATORY PROTECTION: Not required with adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses.

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Brown Aerosol Spray	EVAPORATION RATE: < 1
ODOR: Petroleum solvent odor	SPECIFIC GRAVITY (H ₂ O=1): 0.83 @ 77°F (25°C)
ODOR THRESHOLD: N/D	pH: N/A
BOILING POINT: > 180°F (82°C)	SOLIDS (%): N/D
FREEZING POINT: N/D	SOLUBILITY IN WATER: 0%
FLAMMABILITY: Extremely Flammable Aerosol	PARTITION COEFFICIENT: n-OCTANOL/WATER
FLASH POINT: > 110°F (43°C)	(KOW): N/D
AUTOIGNITION TEMPERATURE: N/D	VOLATILITY INCLUDING WATER (%): 22%
LOWER FLAMMABILITY LIMIT: N/D	VOLATILE ORGANIC COMPOUNDS (VOC): 21%
UPPER FLAMMABILITY LIMIT: N/D	DIELECTRIC STRENGTH (Volts): N/D
VAPOR PRESSURE (mm Hg): 30 @ 77°F (25°C)	DECOMPOSITION TEMPERATURE: N/D
VAPOR DENSITY (AIR=1): > 1	VISCOSITY: N/D

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: None known.

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.

INCOMPATIBILITY: Strong oxidizing agents. Strong reducing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon.

POSSIBLE HAZARDOUS REACTIONS: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION:**

Isoparaffinic Hydrocarbon (64742-47-8) - LD50 (Oral, Rat) 5 g/kg; LD50 (Dermal, Rabbit) 2 g/kg; LC50 (Rat, 4hr) 5 mg/L

Ethyl Acetate (141-78-6) - LD50 (Oral, Rat) 5620 mg/kg; LD50 (Oral, Rabbit) 4935 mg/kg; LC50 (Rat, 6hrs) 16,000 ppm

Propane/n-Butane (68476-86-8) - LC50 (Inhalation, Rat, 4hr) 685 mg/m3

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin.

EYES: May cause irritation, redness.

INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting, and abdominal cramps.

INHALATION: May cause irritation to the respiratory tract, dizziness, headaches, drowsiness, unconsciousness.

SKIN: May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.

MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing medical conditions.

ACUTE HEALTH HAZARDS: Eye: Stinging, tearing, redness,

Oral: Aspiration risk.

Skin: Prolonged or repeated contact may dry skin.

CHRONIC HEALTH HAZARDS: None known.

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A.

SECTION 12 – ECOLOGICAL INFORMATION**ECOLOGICAL INFORMATION:**

Isoparaffinic Hydrocarbon (64742-47-8) - Not expected to be harmful or demonstrate chronic toxicity toward aquatic organisms. Expected to be readily biodegradable. Do not contaminate water when disposing of equipment washwaters.

Ethyl Acetate (141-78-6) - LC50 (Fathead Minnow, 96hrs) 220 mg/L; (Indian Catfish, 96hrs) 212.5 ppm

BIODEGRADABILITY: Component or components of this product are not biodegradable.

BIOACCUMULATION: This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: None known.

SECTION 13 - DISPOSAL CONSIDERATIONS

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

RCRA STATUS: Waste solvent likely considered F003, Flammable, Non-halogenated solvent, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14 - TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKAGING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1



UN/NA NUMBER: UN1950

SHIPPING BY WATER: VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 950
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION 15 - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):
Ethyl Acetate (141-78-6) - Reportable Quantity = 5,000 lbs.

SARA 311/312 HAZARD CATEGORIES: Fire Hazard.
SARA 313 REPORTABLE INGREDIENTS: None.

STATE REGULATIONS: This product contains no known chemicals regulated by California's Proposition 65.

INTERNATIONAL REGULATIONS: None known.

NFPA HEALTH:	1	HMIS HEALTH:	1
NFPA FLAMMABILITY:	3	HMIS FLAMMABILITY:	3
NFPA REACTIVITY:	0	HMIS REACTIVITY:	0
NFPA OTHER:	None	HMIS PROTECTION:	A

SECTION 16 - OTHER INFORMATION

DATE PREPARED: 12/31/2013
REVISION DATE: 11/19/2014

N/A = Not Applicable; N/D = Not Determined.

Prepared by: Regulatory Affairs.

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.