# SAFETY DATA SHEET

**Issuing Date:** 10/02/2015
**Revision Date:** 10/06/2015

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier**
**Product name** SLICK WAY Non-Flammable Penetrating Lubricant

**Recommended use of the chemical and restrictions on use**

4-10-2023: File reviewed; more current MSDS/SDS not available. JMC

**Product code** 891.102

**Product Type** Non-flammable aerosol
**Synonyms** None

**Supplier's details**

**Recommended Use** Penetrating lubricant.
**Uses advised against** No information available

**Manufactured For:**
Winzer Corporation
4060 E. Plano Parkway
Plano, TX 75074

**Company Phone Number:** 800-527-4126

**Emergency telephone number**
**24 Hour Emergency Number:** INFOTRAC 1-800-535-5053 (USA & Canada)

## 2. HAZARDS IDENTIFICATION

**Classification**

| | |
|---|---|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2A |
| Skin Sensitization | Category 1B |
| Carcinogenicity | Category 2 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Aspiration toxicity | Category 1 |
| Gases under pressure | Compressed Gas |

**GHS Label elements, including precautionary statements**

**Emergency Overview**

**DANGER**

**Hazard Statements**
Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction
Suspected of causing cancer
May cause respiratory irritation. May cause drowsiness or dizziness
May be fatal if swallowed and enters airways
Contains gas under pressure; may explode if heated

**Appearance** Hazy **Physical state** Aerosol **Odor** Solvent

**Precautionary Statements - Prevention**
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Use only outdoors or in a well-ventilated area

**Precautionary Statements - Response**
If exposed or concerned: Get medical advice/attention
Specific treatment (see first aid on this label)
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 advice/attention
IF ON SKIN: Wash with plenty of soap and water.
Take off contaminated clothing and wash before reuse
If skin irritation or rash occurs: Get medical advice/attention
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting

**Precautionary Statements - Storage**
Store locked up
Store in a well-ventilated place. Keep container tightly closed
Protect from sunlight

**Precautionary Statements - Disposal**
Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

None

**Other information**

• Toxic to aquatic life with long lasting effects

0.0003% of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight %* |
|---|---|---|
| TETRACHLOROETHYLENE | 127-18-4 | 40-50 |
| KEROSENE | 8008-20-6 | 10-20 |
| POLYMERIC VISCOSITY MODIFIER | MIXTURE | 10-20 |
| ACETONE | 67-64-1 | 10-20 |
| 2-BUTOXYETHANOL | 111-76-2 | 1-10 |
| CARBON DIOXIDE | 124-38-9 | 1-10 |
| PETROLEUM DISTILLATES | 8052-41-3 | 0.1-1 |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

**First aid measures for different exposure routes**

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

**Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Inhalation** Move to fresh air. If breathing is difficult, give oxygen. Artificial respiration and/or oxygen may be necessary. If breathing has stopped, contact emergency medical services immediately.

**Ingestion** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Call a physician or Poison Control Center immediately.

**Most important symptoms/effects, acute and delayed**

**Main Symptoms** May cause skin irritation. Causes serious eye irritation. May cause respiratory irritation. Harmful if swallowed. Inhalation causing lung damage.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Decomposition by contact with water may generate vapors which can be ignited by heat or open flame.

**Specific hazards arising from the chemical**
Extremely flammable.

**Explosion Data**
**Sensitivity to Mechanical Impact** none.
**Sensitivity to Static Discharge** Yes.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Absorb with sand, clay, or other suitable material. Hard surfaces may be mopped with water. Remove all sources of ignition. Avoid contact with the skin and the eyes. Evacuate personnel to be safe areas.Keep people away from and upwind of spill/leak. Contents under pressure. Do not puncture or incinerate cands. Wear protective gloves/clothing and eye/face protection.

**Environmental precautions**

**Environmental precautions** Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Take precautionary measures against static discharges. Prevent product from entering drains.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Do not breathe vapors/dust. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

**Conditions for safe storage, including any incompatibilities**

**Technical measures/Storage conditions** Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep container tightly closed. Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep away from heat and sources of ignition.

**Incompatible products** Strong acids, alkalis, or oxidizing agents.

**Aerosol Level** 2

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines** .

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| TETRACHLOROETHYLENE<br>127-18-4 | STEL: 100 ppm<br>TWA: 25 ppm | TWA: 100 ppm<br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 170 mg/m$^3$<br>Ceiling: 200 ppm | IDLH: 150 ppm |
| KEROSENE<br>8008-20-6 | TWA: 200 mg/m$^3$ total hydrocarbon vapor application restricted to conditions in which there are negligible aerosol exposures<br>Skin - potential significant contribution to overall exposure by the cutaneous route | - | TWA: 100 mg/m$^3$ |
| ACETONE<br>67-64-1 | STEL: 500 ppm<br>TWA: 250 ppm | TWA: 1000 ppm<br>TWA: 2400 mg/m$^3$<br>(vacated) TWA: 750 ppm<br>(vacated) TWA: 1800 mg/m$^3$<br>(vacated) STEL: 2400 mg/m$^3$<br>The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors<br>(vacated) STEL: 1000 ppm | IDLH: 2500 ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m$^3$ |
| 2-BUTOXYETHANOL<br>111-76-2 | TWA: 20 ppm | TWA: 50 ppm<br>TWA: 240 mg/m$^3$<br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m$^3$<br>(vacated) S*<br>S* | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m$^3$ |
| CARBON DIOXIDE<br>124-38-9 | STEL: 30000 ppm<br>TWA: 5000 ppm | TWA: 5000 ppm<br>TWA: 9000 mg/m$^3$<br>(vacated) TWA: 10000 ppm<br>(vacated) TWA: 18000 mg/m$^3$<br>(vacated) STEL: 30000 ppm<br>(vacated) STEL: 54000 mg/m$^3$ | IDLH: 40000 ppm<br>TWA: 5000 ppm<br>TWA: 9000 mg/m$^3$<br>STEL: 30000 ppm<br>STEL: 54000 mg/m$^3$ |
| PETROLEUM DISTILLATES<br>8052-41-3 | TWA: 100 ppm | TWA: 500 ppm<br>TWA: 2900 mg/m$^3$<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 525 mg/m$^3$ | IDLH: 20000 mg/m$^3$<br>Ceiling: 1800 mg/m$^3$ 15 min<br>TWA: 350 mg/m$^3$ |

*ACGIH: (American Conference of Governmental Industrial Hygienists)*
*OSHA: (Occupational Safety & Health Administration)*
*NIOSH IDLH: Immediately Dangerous to Life or Health*

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Exposure controls**

**Engineering Measures** Showers
Eyewash stations
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Safety glasses with side-shields.

| | |
|---|---|
| **Skin and body protection** | Chemical resistant apron. Protective gloves. |
| **Respiratory protection** | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| **Hygiene measures** | Handle in accordance with good industrial hygiene and safety practice. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and chemical properties**

| | | | |
|---|---|---|---|
| **Physical state** | Aerosol | | |
| **Appearance** | Hazy | **Odor** | Solvent |
| **Color** | amber | **Odor Threshold** | |

| **Property** | **Values** | **Remarks • Methods** |
|---|---|---|
| **pH** | No information available | |
| **Melting/freezing point** | No information available | |
| **Boiling point/boiling range** | No information available | |
| **Flash Point** | No information available | |
| **Evaporation rate** | No information available | |
| **Flammability (solid, gas)** | No information available | |
| **Flammability Limits in Air** | | |
| **upper flammability limit** | No information available | |
| **lower flammability limit** | No information available | |
| **Vapor pressure** | No information available | |
| **Vapor density** | No information available | |
| **Specific Gravity** | 1.07 | |
| **Water solubility** | Practically insoluble | |
| **Partition coefficient: n-octanol/water** | | |
| **Autoignition temperature** | No information available | Not applicable |
| **Decomposition temperature** | | |
| **Viscosity** | No information available | |
| **Explosive properties** | | |

**Other information**

**VOC Content(%)** 25.98

## 10. STABILITY AND REACTIVITY

**Reactivity**
No data available

**Chemical stability**
Stable under recommended storage conditions.

**Possibility of hazardous reactions**
None under normal processing.

**Conditions to Avoid**
Extremes of temperature and direct sunlight.

**Incompatible Materials**
Strong acids, alkalis, or oxidizing agents.

**Hazardous Decomposition Products**
None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

**Inhalation** Vapors may irritate throat and respiratory system. May cause drownsiness and dizziness based on components. May cause irritation of respiratory tract. Avoid breathing vapors or mists.

**Eye contact** Irritating to eyes. Avoid contact with eyes.

**Skin contact** Irritating to skin. Repeated exposure may cause skin dryness or cracking. Prolonged skin contact may defat the skin and produce dermatitis. Avoid contact with skin.

**Ingestion** Harmful if swallowed. Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.

**Component Information**

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|---|---|---|
| TETRACHLOROETHYLENE 127-18-4 | = 2629 mg/kg ( Rat ) | - | = 27.8 mg/L ( Rat ) 4 h |
| KEROSENE 8008-20-6 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 5.28 mg/L ( Rat ) 4 h |
| ACETONE 67-64-1 | = 5800 mg/kg ( Rat ) | - | = 50100 mg/m³ ( Rat ) 8 h |
| 2-BUTOXYETHANOL 111-76-2 | = 470 mg/kg ( Rat ) | = 99 mg/kg ( Rabbit ) | = 450 ppm ( Rat ) 4 h |

**Information on toxicological effects**

**Symptoms** Inhalation may cause nose, throat , and respiratory tract irritation. Irritation to skin and eyes. May be harmful if swallowed.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Irritating to skin.
**Eye damage/irritation** Irritating to eyes.
**Irritation** Irritating to eyes, respiratory system and skin.
**Sensitization** Repeated or prolonged contact may cause allergic reactions in very susceptible persons. May cause sensitization by skin contact.
**Germ Cell Mutagenicity** None known.
**Carcinogenicity** The table below indicates whether each agency has evaluated a listed ingredient as a carcinogen.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| TETRACHLOROETHYLENE 127-18-4 | A3 | Group 2A | Reasonably Anticipated | X |
| 2-BUTOXYETHANOL 111-76-2 | A3 | Group 3 | - | - |

***ACGIH: (American Conference of Governmental Industrial Hygienists)***
*A3 - Animal Carcinogen*
***IARC: (International Agency for Research on Cancer)***
*Group 2A - Probably Carcinogenic to Humans*
*Group 3 - Not Classifiable as to Carcinogenicity in Humans*
***NTP: (National Toxicity Program)***
*Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen*
***OSHA: (Occupational Safety & Health Administration)***
*X - Present*

**Reproductive toxicity** This product does not contain any known or suspected reproductive hazards.
**Specific target organ systemic toxicity (single exposure)** May cause respiratory irritation. may cause drowsiness and dizziness.
**Specific target organ systemic toxicity (repeated exposure)** None under normal use conditions.

**Chronic toxicity** May cause adverse liver effects.
**Target Organ Effects** Blood, Central nervous system, Central Vascular System (CVS), Eyes, Hematopoietic System, Kidney, Liver, Respiratory system, Skin.
**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 0.0003% of the mixture consists of ingredient(s) of unknown toxicity
**The following values are calculated based on chapter 3.1 of the GHS document** .
**ATEmix (oral)** 2057 mg/kg
**ATEmix (dermal)** 4644 mg/kg
**ATEmix (inhalation-dust/mist)** 15.4 mg/l

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| Chemical Name | Toxicity to algae | Toxicity to fish | Toxicity to microorganisms | Toxicity to daphnia and other aquatic invertebrates |
|---|---|---|---|---|
| TETRACHLOROETHYLENE 127-18-4 | 500 mg/L EC50 Pseudokirchneriella subcapitata 96h | 12.4 - 14.4 mg/L LC50 Pimephales promelas 96h flow-through 8.6 - 13.5 mg/L LC50 Pimephales promelas 96h static 11.0 - 15.0 mg/L LC50 Lepomis macrochirus 96h static 4.73 - 5.27 mg/L LC50 Oncorhynchus mykiss 96h flow-through | - | 6.1 - 9.0 mg/L EC50 Daphnia magna 48h Static |
| ACETONE 67-64-1 | - | 4.74 - 6.33 mL/L LC50 Oncorhynchus mykiss 96h 6210 - 8120 mg/L LC50 Pimephales promelas 96h static 8300 mg/L LC50 Lepomis macrochirus 96h | - | 10294 - 17704 mg/L EC50 Daphnia magna 48h Static 12600 - 12700 mg/L EC50 Daphnia magna 48h |
| 2-BUTOXYETHANOL 111-76-2 | - | 1490 mg/L LC50 Lepomis macrochirus 96h static 2950 mg/L LC50 Lepomis macrochirus 96h | - | 1000 mg/L EC50 Daphnia magna 48h |

**Persistence and degradability**

.

**Bioaccumulation**

.

| Chemical Name | log Pow |
|---|---|
| TETRACHLOROETHYLENE 127-18-4 | 2.53 - 2.88 |
| ACETONE 67-64-1 | -0.24 |
| 2-BUTOXYETHANOL 111-76-2 | 0.81 |

**Other adverse effects** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment**

**Waste Disposal Methods** This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

**Contaminated packaging** Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

**DOT Ground** CONSUMER COMMODITY ORM-D
or
LIMITED QUANTITY

**IATA** UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD. QTY

**IMDG** UN1950, AEROSOLS, NON-FLAMMABLE, 2.2, LTD. QTY

## 15. REGULATORY INFORMATION

### International Inventories

| Chemical Name | TSCA | DSL/NDSL | EINECS/ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---|---|---|---|---|---|---|---|---|
| TETRACHLOROETHYLENE | X | X | X | X | X | X | X | X |
| KEROSENE | X | X | X | Not listed | X | X | X | X |
| ACETONE | X | X | X | X | X | X | X | X |
| 2-BUTOXYETHANOL | X | X | X | X | X | X | X | X |
| CARBON DIOXIDE | X | X | X | X | X | X | X | X |
| PETROLEUM DISTILLATES | X | X | X | Not listed | X | X | X | X |

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
**ENCS** - Japan Existing and New Chemical Substances
**CHINA** - China Inventory of Existing Chemical Substances
**KECL** - Korean Existing and Evaluated Chemical Substances
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances
**AICS** - Australian Inventory of Chemical Substances

### U.S. Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name | CAS-No | Weight %* | SARA 313 - Threshold Values % |
|---|---|---|---|
| TETRACHLOROETHYLENE - 127-18-4 | 127-18-4 | 40-50 | 0.1 |
| 2-BUTOXYETHANOL - 111-76-2 | 111-76-2 | 1-10 | 1.0 |

**SARA 311/312 Hazard Categories**

| | |
|---|---|
| **Acute Health Hazard** | Yes |
| **Chronic Health Hazard** | Yes |
| **Fire Hazard** | no |
| **Sudden Release of Pressure Hazard** | Yes |
| **Reactive Hazard** | no |

**Clean Water Act**
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|---|---|---|---|
| TETRACHLOROETHYLENE 127-18-4 | | X | X | |

**CERCLA**
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ |
|---|---|---|---|
| TETRACHLOROETHYLENE 127-18-4 | 100 lb 1 lb | | RQ 100 lb final RQ RQ 45.4 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ |
| ACETONE 67-64-1 | 5000 lb | | RQ 5000 lb final RQ RQ 2270 kg final RQ |

## U.S. State Regulations

**California Proposition 65**
This product contains the following Proposition 65 chemicals:

| Chemical Name | California Prop. 65 |
|---|---|
| TETRACHLOROETHYLENE - 127-18-4 | Carcinogen |

**U.S. State Right-to-Know Regulations**

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| TETRACHLOROETHYLENE 127-18-4 | X | X | X |
| KEROSENE 8008-20-6 | X | X | X |
| ACETONE 67-64-1 | X | X | X |
| 2-BUTOXYETHANOL 111-76-2 | X | X | X |
| CARBON DIOXIDE 124-38-9 | X | X | X |
| PETROLEUM DISTILLATES 8052-41-3 | X | X | X |

**EPA Pesticide Registration Number** Not applicable

**Canada**

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.**

## 16. OTHER INFORMATION

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health Hazard** 2 | **Flammability** 1 | **Instability** 0 | **Physical and chemical hazards** - |
| **HMIS** | **Health Hazard** 2 | **Flammability** 1 | **Physical Hazard** 1 | **Personal protection** B |

**Prepared By:** Regulatory Affairs

**Issuing date** 02-Oct-2015
**Revision Date** 06-Oct-2015
**Revision Note**

**Disclaimer**

**The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.**

**End of Safety Data Sheet**