









PRODUCTS INC. 3811 CURTIS AVENUE BALTIMORE, MARYLAND 21226-1131 410-354-8600 800-637-6372 www.kaufman products.net

Version: 1.0

SureSlip (033)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision Date: 05/12/15 Supersedes: 04/03/14

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product Identifier

Product Name: SureSlip (033)

1.2. Intended Use of the Product

Use of the substance/mixture: Dowel Bar lubricant

1.3. Name, Address, and Telephone of the Responsible Party

Company

Kaufman Products, Inc. 3811 Curtis Avenue Baltimore, MD 21226-1131 410-354-8600

http://www.kaufmanproducts.net/

1.4. Emergency Telephone Number Emergency Number : 800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident, call CHEMTREC - Day or Night

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

H225 Flam. Liq. 2 Serious eye damage, eye irrit.,2A H319 Acute Tox. 4 (Inhalation:dust,mist) H332 Carc. 2 H351 Repr. 1A H360 STOT SE 3 H335 H401 Aquatic Acute 2 Aquatic Chronic 2 H411

2.2. Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)

Precautionary Statements (GHS-US)









Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) : H225 - Highly flammable liquid and vapor

H332 - Harmful if inhaled

H335 - May cause respiratory irritation H351 - Suspected of causing cancer

H360 - May damage fertility or the unborn child

H401 - Toxic to aquatic life

H411 - Toxic to aquatic life with long lasting effects : P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P210 - Keep away from heat, open flames, sparks. - No smoking

08/27/2014 EN (English US) 1/9



KAUFMAN PRODUCTS INC. 3811 CURTIS AVENUE BALTIMORE, MARYLAND 21226-1131 410-354-8600 800-637-6372 www.kaufman products.net

SureSlip (033)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

P233 - Keep container tightly closed

P240 - Ground/bond container and receiving equipment

P243 - Take precautionary measures against static discharge

P261 - Avoid breathing mist, spray, vapors

P271 - Use only outdoors or in a well-ventilated area

P273 - Avoid release to the environment

P280 - Wear eye protection, protective clothing, protective gloves

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove cntact lenses if prest and easy to do. Continue rinsing.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P308+P313 - If exposed or concerned: Get medical advice/attention

P312 - Call a POISON CENTER/doctor/physician if you feel unwell

P370+P378 - In case of fire: Use appropriate media for extinction

P391 - Collect spillage

P233 - Keep container tightly closed

P403+P235 - Store in a well-ventilated place. Keep cool

P405 - Store locked up

P501 - Dispose of contents/container to local, regional, national, and international regulations

2.3. Other Hazards

No additional information available

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Graphite (Natural)	(CAS No) 7782-42-5	40-50	Serious eye irrit.,2A, H319 Respiratory irrit.,3, H335
Solvent naphtha, petroleum, medium aliphatic	(CAS No) 64742-88-7	20-30	Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 2, H411
Distillates, petrolium, hydrotreated light naphthenic	(CAS No) 64742-53-6	20-30	Skin irrit. 2, H315 Eye irrit. 2A, H319 Carc. 1B, H350 Repr. 2, H361 STOT RE 1, H37 Asp. Tox. 1, H304
Hydrophilic fumed Silica	(CAS No) 67762-90-7	1-3	Skin Sens. 1, H317 Eye Irrit. 2A, H319



KAUFMAN PRODUCTS 3811 CURTIS AVENUE BALTIMORE, MARYLAND 21226-1131 410-354-8600 800-637-6372 www.kaufman products.net

SureSlip (033)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. **First-aid Measures After Eye Contact**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: May cause respiratory irritation. Harmful if inhaled.

Symptoms/Injuries After Inhalation: Harmful if inhaled. May cause drowsiness or dizziness. May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects. **Chronic Symptoms:** May cause cancer. May damage fertility. May damage the unborn child.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use water jet. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Highly flammable liquid and vapor.

Explosion Hazard: May form flammable/explosive vapor-air mixture. **Reactivity:** Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Do not allow product to spread into the environment.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.
6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.



PRODUCTS

AVENUE

MARYLAND 21226-1131

800-637-6372 www.kaufman products.net

SureSlip (033)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Methods for Cleaning Up: Collect spillage. Clear up spills immediately and dispose of waste safely.

6.4. Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. **Precautions for Safe Handling**

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable.

Precautions for Safe Handling: Use only outdoors or in a well-ventilated area. Avoid breathing vapours, mist, spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only non-sparking tools. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof lighting, ventilating, electrical equipment.

Storage Conditions: Keep container closed when not in use. Keep in fireproof place. Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Incompatible Products: Strong acids. Strong bases. Strong oxidizers.

Incompatible Materials: Heat sources.

Storage Area: Store locked up. Store in a well-ventilated place. Keep cool.

7.3. Specific End Use(s) Dowel Bar Lubricant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. **Control Parameters**

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

8.2. **Exposure Controls**

Appropriate Engineering Controls : Ensure all national/local regulations are observed. Gas detectors should be used

when flammable gases/vapours may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

Personal Protective Equipment : Insufficient ventilation: wear respiratory protection. Gloves. Protective goggles.

Protective clothing.









Materials for Protective Clothing

: Chemically resistant materials and fabrics.

Hand Protection

: Wear chemically resistant protective gloves.

Eve Protection

: Chemical goggles or safety glasses.

Skin and Body Protection

Respiratory Protection

: Wear suitable protective clothing. : Use a NIOSH-approved respirator or self-contained breathing apparatus whenever

exposure may exceed established Occupational Exposure Limits.

Other Information : When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties 9.1.

: Gel **Physical State**

08/27/2014 EN (English US) 4/9



PRODUCTS INC. 3811 CURTIS AVENUE BALTIMORE, MARYLAND 21226-1131 410-354-8600 800-637-6372 www.kaufman products.net

SureSlip (033)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Appearance : Thick black gel

Odor : Moderate solvent odor

Odor Threshold: No data availablepH: No data available

Relative Evaporation Rate (butylacetate=1) : No data available

Relative evaporation rate (ether=1) : Slower than ether

Melting Point : No data available

Freezing Point : No data available

Boiling Point : 204.44 °C (400 °F) **Flash Point** : 42.8 °C (109 °F)

Auto-ignition Temperature : No data available

Decomposition Temperature : No data available

Flammability (solid, gas) : No data available

Vapor Pressure : No data available

Relative Vapor Density at 20 °C : Heavier than air

Relative Density : No data available

Solubility : No data available

Log Pow : No data available

Log Kow : No data available

Viscosity : No data available

9.2. Other Information

VOC content : < 320 g/l

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity: Hazardous reactions will not occur under normal conditions.
- 10.2 Chemical Stability: May form flammable/explosive vapor-air mixture.
- **10.3** Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
- **10.4 Conditions to Avoid:** Sparks, heat, open flame and other sources of ignition. Extremely high or low temperatures. Direct sunlight.
- **10.5** Incompatible Materials: Strong acids. Strong oxidizers. Amines.
- 10.6 Hazardous Decomposition Products: Carbon oxides (CO, CO2). May release flammable gases.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity: Harmful if inhaled.

Solvent naphtha, petroleum, medium aliphatic (64742-88-7)	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	3000 mg/kg
LC50 Inhalation Rat (mg/l)	> 5.28 mg/l/4h

Skin Corrosion/Irritation: Not classified
Serious Eye Damage/Irritation: Not classified
Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

08/27/2014 EN (English US) 5/9



PRODUCTS INC. 3811 CURTIS AVENUE BALTIMORE, MARYLAND 21226-1131 410-354-8600 800-637-6372 www.kaufman products.net

SureSlip (033)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Carcinogenicity: Suspected of causing cancer.

Solvent naphtha, petroleum, medium aliphatic (64742-88-7)

National Toxicity Program (NTP) Status Evidence of Carcinogenicity.

Reproductive Toxicity: May damage fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Potential Adverse Human Health Effects and Symptoms: Harmful if inhaled.

Symptoms/Injuries After Inhalation: Harmful if inhaled. May cause drowsiness or dizziness. May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: Direct contact with the eyes is likely irritating.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects. **Chronic Symptoms:** May cause cancer. May damage fertility. May damage the unborn child.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

Solvent naphtha, petroleum, medium aliphatic (64742-88-7)		
LC50 Fish 1	800 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])	
EC50 Daphnia 1	> 100 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
EC50 Other Aquatic Organisms 1	450 mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata)	
Distillates, petroleum, hydrotreated light naphthenic (64742-53-6)		
LC50 Fish 1	> 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)	
EC50 Daphnia 1	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)	

12.2. Persistence and Degradability

SureSlip (033)	
Persistence and Degradability	Not established. May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential

SureSlip (033)	
Bioaccumulative Potential	Not established.
Solvent naphtha, petroleum, medium aliphatic (64742-88-7)	
BCF fish 1	(bioaccumulation expected)

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

Additional Information: Handle empty containers with care because residual vapors are flammable.

Ecology – Waste Materials: This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name : PETROLEUM DISTILLATES, N.O.S.



FN

A

N

PRODUCT INFORMATION

PRODUCTS INC. AVENUE

BALTIMORE, MARYLAND 21226-1131 410-354-8600 800-637-6372 www.kaufman products.net

SureSlip (033)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Hazard Class : 3
Identification Number : UN1268
Label Codes : 3
Packing Group : III
ERG Number : 128

Proper Shipping Name : PETROLEUM DISTILLATES, N.O.S.

Hazard Class : 3

14.2 In Accordance with IMDG

 Identification Number
 : UN1268

 Packing Group
 : III

 Label Codes
 : 3

 Ems. No. (Fire)
 : F-F

EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-E

14.3 In Accordance with IATA

Proper Shipping Name : PETROLEUM DISTILLATES, N.O.S.

Packing Group : III
Identification Number : UN1268

Hazard Class : 3 Label Codes : 3 ERG Code (IATA) : 3L





SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Solvent naphtha, petroleum, medium aliphatic (64742-88-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Distillates, petroleum, hydrotreated light naphthenic (64742-53-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 US State Regulations

Solvent naphtha, petroleum, medium aliphatic (64742-88-7)

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - New Jersey - Special Health Hazards Substances List

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

Distillates, petroleum, hydrotreated light naphthenic (64742-53-6)

U.S. - Massachusetts - Right To Know List

U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

SECTION 16: OTHER INFORMATION

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Acute Tox. 4 (Inhalation:dust,mist) Acute toxicity (inhalation:dust,mist) Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1

08/27/2014 EN (English US) 7/9



PRODUCT INFORMATION **PRODUCTS**



AVENUE

BALTIMORE, MARYLAND 21226-1131

410-354-8600 800-637-6372 www.kaufman products.net

SureSlip (033)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2	
Aquatic Acute 3	Hazardous to the aquatic environment - Acute Hazard Category 3	
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1	
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2	
Asp. Tox. 1	Aspiration hazard Category 1	
Carc. 1B	Carcinogenicity Category 1B	
Carc. 2	Carcinogenicity Category 2	
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A	
Flam. Liq. 2	Flammable liquids Category 2	
Flam. Liq. 3	Flammable liquids Category 3	
Repr. 1A	Reproductive toxicity Category 1A	
Repr. 2	Reproductive toxicity Category 2	
Skin Irrit. 2	Skin corrosion/irritation Category 2	
Skin Sens. 1	Skin sensitization Category 1	
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1	
STOT SE 3	Specific target organ toxicity (single exposure) Category 3	
STOT SE 3	Specific target organ toxicity (single exposure) Category 3	
H225	Highly flammable liquid and vapor	
H226	Flammable liquid and vapor	
H304	May be fatal if swallowed and enters airways	
H315	Causes skin irritation	
H317	May cause an allergic skin reaction	
H319	Causes serious eye irritation	
H332	Harmful if inhaled	
H335	May cause respiratory irritation	
H336	May cause drowsiness or dizziness	
H350	May cause cancer	
H351	Suspected of causing cancer	
H360	May damage fertility or the unborn child	
H361	Suspected of damaging fertility or the unborn child	
H372	Causes damage to organs through prolonged or repeated exposure	
H400	Very toxic to aquatic life	
H401	Toxic to aquatic life	
H402	Harmful to aquatic life	
H410	Very toxic to aquatic life with long lasting effects	
H411	Toxic to aquatic life with long lasting effects	



KAUFMAN PRODUCTS

3811 CURTIS AVENUE BALTIMORE, MARYLAND 21226-1131

410-354-8600 800-637-6372 www.kaufman products.net

SureSlip (033)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

PRODUCT

INFORMATION

LIMITED WARRANTY

We warrant our products to be of good quality and will replace material proved detective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salesmen. distributors and their salesmen have no authority to change the printed recommendations concerning the use of our products.

DISCLAIMER

The information provided in this Safety Data Sheet is believed to be accurate to the best of our knowledge, information and belief at the date of its publication. The information given is designed solely as a guide for the safe handling, use, processing, storage, transportation, disposal, and release by a person trained in chemical handling. This is not to be considered 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 materials or in any process, unless specified on either the latest version of our product data sheet or safety data sheet. Users and handlers of this product should make their own investigations to determine the suitability of the information provided herein for their own purposes.

SDS US (GHS HazCom) - US Only 10 pt 2