

SAFETY DATA SHEET

Issue Date 2-2-2015

Revision Date 9-4-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name S.O.G. Control

Other Means of Identification

SDS # K 386

Product Code K 386

Recommended Use of the Chemical and Restrictions on Use**Recommended Use**

Drain Maintenance Cleaner

Details of the Supplier of the Safety Data Sheet**Supplier Address**KAYLINE COMPANY
PO BOX 603207
CLEVELAND, OH 44103**Emergency Telephone Number**Company Phone Number 1-216-566-9858
Emergency Telephone 1-800-535-5053

2. HAZARDS IDENTIFICATION

GHS ClassificationAspiration Hazard: Category 1
Flammable Liquids: Category 3
Skin Corrosion/Irritation: Category 2
Eye Damage/Irritation: Category 2A
Skin Sensitizer: Category 1**Signal Word**

Danger

Symbols**Emergency Overview:**

Physical State: Liquid

Color: Orange

Odor: Orange Scent

OSHA/HCS status: This material is considered hazardous by the OSHA Hazard Communication Standard(29 CFR 1910.1200).

Hazard Statements

FLAMMABLE LIQUID AND VAPOUR.
 MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
 CAUSES SKIN IRRITATION.
 CAUSES SERIOUS EYE IRRITATION.
 MAY CAUSE AN ALLERGIC SKIN REACTION.

Precautionary Statements-Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Keep container tightly closed.
 Ground and bond container and receiving equipment.
 Use explosion-proof equipment.
 Use only non-sparking tools.
 Wash face, hands and any exposed skin thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Avoid breathing fume/gas/mist/vapors/spray.
 Contaminated work clothing must not be allowed out of the workplace.

Precautionary Statements – Response

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 ON SKIN: Wash with plenty of soap and water.
 Take off contaminated clothing and wash it before reuse.
 If skin irritation or rash occurs: Get medical advice/attention.
 If swallowed: Immediately call a poison center or doctor for medical advice.
 Do **NOT** induce vomiting.
 In case of fire: Use dry chemical, CO₂, or Halon for extinction.

Precautionary Statements – Storage

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

Precautionary Statements – Disposal

Dispose of contents/container in accordance with local/regional/national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS		
Chemical Name	CAS No	Weight-%
Orange terpenes	5989-27-5	40-45
Paraffinic Naphthenic Solvent	64742-47-8	25-30
Ethylene Glycol Monobutyl Ether	111-76-2	25-30

The balance of the chemicals in this mixture are either considered nonhazardous or are below the listing limits for hazardous substances. These chemicals are considered trade secrets. The specific identity of these chemicals is available to health professionals.

4. FIRST AID MEASURES

First Aid Measures

Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs: get medical advice/attention.
Skin Contact	IF ON SKIN (or hair): Wash with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Alcohol resistant foam, Carbon Dioxide (CO₂), Dry chemical.

Unsuitable Extinguishing Media

Do not use high volume water jet.

Specific Hazards Arising from the Chemical

Carbon monoxide may be evolved if incomplete combustion occurs. The vapor is heavier than air, spreads along the ground and distant ignition is possible. Heated drums can explode.

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 Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Methods and Material for Containment and Cleaning Up

Methods for Containment For small spills, absorb on poly-pads or other suitable non-reactive absorbent material. Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Eliminate all sources of ignition. Use non-sparking hand tools and explosion-proof electrical equipment. Sweep up and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist. Keep away from heat, sparks, flame and other sources of ignition. All equipment used when handling the product must be grounded.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

Incompatible Materials Sparks or open flame.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACHIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol Monobutyl Ether 111-76-2	20 ppm TWA	50 ppm, 24 mg/m3 TWA OSHA Z-1 240 mg/m3 TWA OSHA P0	5 ppm, 24 mg.m3 TWA

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or other biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

Appropriate Engineering Controls: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and the using the bathroom and at the end of the working periods.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Avoid contact with eyes. Wear safety eyewear.
Skin and Body Protection Wear suitable protective clothing. Use impervious gloves.
Respiratory Protection Not required with expected use. Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Orange scent
Appearance	Liquid	Odor Threshold	Not determined
Color	Orange		

<u>Property</u>	<u>Values</u>
pH	6
Melting Point/Freezing Point	Not determined
Boiling Point/Boiling Range	350 Deg F
Flash Point	122 Deg F (tcp)
Evaporation Rate	(H20=1) >1

Flammability (Solid, Gas)	n/a-liquid
Upper Flammability Limits	UEL=6
Lower Flammability Limits	LEL=1
Vapor Pressure	20@68F
Vapor Density	Not determined
Specific Gravity	.849
Water Solubility	Slightly soluble in water
Solubility in Other Solvents	Not determined
Partition Coefficient	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature Kinematic	Not determined
Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources. Keep out of reach of children.

Incompatible Materials

Sparks or open flame.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact May cause eye irritation.

Skin Contact May cause skin irritation.

Inhalation May cause drowsiness or dizziness.

Ingestion May be fatal if swallowed and enters airways.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Orange Terpenes 5989-27-5	4,400 mg/kg (rat)	>5 g/kg (rabbit)	Data not available
Paraffinic Naphthenic Solvent 647-47-8	>5,000 mg/kg (rat)	2,000-4,000 mg/kg (rabbit)	>6.8 mg/l (rat) 4h
Ethylene Glycol Monobutyl Ether 111-76-2	1,200 mg/kg (guinea pig)	>2,000 mg/kg	4500, ppm 4 h

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

ATEmix-oral: mg/kg ATEmix- dermal: mg/kg

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
Orange Terpenes 5989-27-5	Data not available	0.619-0.796 :96h Pimephales promelas mg/L LC50 flow-through 35: 96h Oncorhynchus mykiss mg/L LC50	Data not available	Data not available
Paraffinic Naphthenic Solvent 64742-47-8	Data not available	Data not available	Data not available	Data not available
Ethylene Glycol Monobutyl Ether 111-76-2	EC50 (Pseudokirchneriella subcapitata (green algae)): 911 mg/l. Endpoint: Biomass Exposure time: 72h	LC50 (Oncorhynchus mykiss (rainbow trout): 1,474 mg/l. Exposure time: 96h	Data not available	EC50 (Daphnia magna (Water flea)): 1,800 mg/l Exposure time: 48h Test type: static test

Persistence and Degradability

Not determined.

Bioaccumulation

Not determined.

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated.
<u>IATA</u>	Not available.
<u>IMDG</u>	Not available.
<u>IDG</u>	Not available.

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

SARA 313 Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name	CAS No	Weight-%
Ethylene Glycol Monobutyl Ether	111-76-2	25-30

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethylene Glycol Monobutyl Ether	X	X	X

California Prop 65: This product contains no chemicals known to the State of California to cause cancer and reproductive toxicity.

16. OTHER INFORMATION

<u>NEPA</u>	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 2	Flammability 2	Physical Hazards 0	Personal Protection B

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Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and 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 in the text.

End of Safety Data Sheet