

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier****Product Name** Karl's Best Cherry Sewer Degreaser**Other means of identification****Product Code** KB-60100050-00**Recommended use of the chemical and restrictions on use****Recommended use** Sewer Degreaser  
**Uses Advised Against** For industrial and institutional use only.**Details of the supplier of the safety data sheet****Company Name** CHEM-MASTER ACQUISITIONS, LLC  
PO Box 220908  
St. Louis, MO 63122  
800-592-5080**Emergency telephone number****Emergency Telephone** CHEMTEL 1-800-255-3924

### 2. HAZARDS IDENTIFICATION

**Classification**

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 5
Acute toxicity - Dermal	Category 4
Skin corrosion/irritation	Category 2
Eye damage/eye irritation	Category 2A

**Label elements****Emergency Overview****WARNING****Hazard statements**

May be harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

**Appearance:** Red**Physical state:** Liquid**Odor:** Cherry**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment. Do not eat, smoke or drink when using this product.

**Precautionary Statements - Response**

Specific Treatment (See Section 4 on the SDS). 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 (or hair): Wash with plenty of water. Call poison center/doctor if you feel unwell. If skin irritation occurs: get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center/doctor if you feel unwell. IF SWALLOWED: Rinse mouth. Call a poison center/doctor if you feel unwell.

**Precautionary Statements - Storage**

Store in original container, upright, with lid tightly closed.

**Precautionary Statements - Disposal**

Dispose of contents/container according to all local/regional/ state regulations.

**Hazards not otherwise classified (HNOC)****Other Information**

Unknown Acute Toxicity 1.64529 % of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
2-butoxyethanol	111-76-2	1-5	*
Linear Alcohol Ethoxylate Sulphate, Sodium Salt	63148-62-9	1-5	*
Sodium Dodecylbenzene Sulfonate	25155-30-0	1-5	*
Lauramine Oxide	1643-20-5	1-5	*
Potassium Hydroxide	1310-58-3	1-5	*

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

**4. FIRST AID MEASURES****First aid measures****General Advice**

Get medical attention/advice if you feel unwell or irritation is evident.

**Skin Contact**

Wash with plenty of water. Call poison center/doctor if you feel unwell. If skin irritation occurs: get medical advice/attention. Take off contaminated clothing and wash it before reuse.

**Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: get medical advice/attention.

**Inhalation**

Remove to fresh air. Call a physician or poison control center if you feel unwell.

**Ingestion**

Rinse mouth. Call a poison control center/doctor if you feel unwell.

**Self-protection of the first aider**

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

**Most important symptoms and effect, both acute and delayed****Symptoms**

Any additional important symptoms and effects are described in Section 11: Toxicology Information.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

No additional information available.

## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** Caution: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.

#### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### 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

Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.

#### Environmental precautions

#### Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

### Methods and material for containment and cleaning up

#### Methods for containment & cleaning up

Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Advice on Safe Handling

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems.

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

#### Incompatible Materials

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>

NIOSH IDLH *Immediately Dangerous to Life or Health*

#### Other Information

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

#### Appropriate engineering controls

##### Engineering Controls

Showers, Eyewash stations & Ventilation systems.

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

##### Eye/face protection

Wear safety glasses.

##### Skin and body protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

##### 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.

#### General Hygiene

Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Red Liquid
Color	Red
Odor	Cherry
Odor Threshold	No Information Available

#### Property

#### Values

pH	10.5- 11.5
Specific Gravity	1.018
Viscosity	Water Thin
Melting Point/Freezing Point	No Information available
Flash Point	No Information available
Boiling Point / Boiling Range	212 ° F (at 760 mm Hg)
Evaporation Rate	No Information available
Flammability (Solid, Gas)	
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
Water Solubility	Water solubility Complete
Partition Coefficient	No Information available
Autoignition Temperature	No Information available
Decomposition Temperature	No Information available

**Other Information**

Density Lbs/Gal	8.48
Voc Content (%)	6.85

**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**

Exposure to air or moisture over prolonged periods.

**Incompatible Materials**

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

**Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information** Harmful by inhalation and in contact with eyes and skin.

<b>Skin Contact</b>	Avoid contact with skin. Contact with skin may cause irritation.
<b>Eye Contact</b>	Avoid contact with eyes. Causes severe eye irritation.
<b>Inhalation</b>	Avoid breathing vapors or mists. Breathing of vapors may cause dizziness and shortness of breath.
<b>Ingestion</b>	May be harmful if swallowed. Do not taste or swallow.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
2-butoxyethanol 111-76-2	= 470 mg/kg ( Rat )	= 99 mg/kg ( Rabbit )	= 450 ppm ( Rat ) 4 h
Lauramine Oxide	>5000mg/kg rat	N.D.	N.D.
Linear alcohol ethoxylate sulphate, sodium salt	>2000mg/kg rat	2000-5000mg/kg rabbit	N.D.
Sodium Dodecylbenzene Sulfonate	=438mg/kg rat	N.D.	N.D.

**Information on toxicological effects****Symptoms** No Information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Sensitization** No Information available.**Germ Cell Mutagenicity** No Information available.**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
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 2B - Possibly Carcinogenic to Humans**Group 3 - Not classifiable as a human carcinogen**NTP (National Toxicology Program)**Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**X - Present***Reproductive Toxicity** No Information available.**STOT - Single Exposure** No Information available.**STOT - Repeated Exposure** No Information available.**Chronic Toxicity** Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risk of irreversible effects. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.**Target Organ Effects** Blood, Central nervous system, EYES, hematopoietic system, Kidney, Liver, Respiratory system, Skin.**Aspiration Hazard** No Information available.**Numerical measures of toxicity - Product Information****Unknown Acute Toxicity** 1.64529 % of the mixture consists of ingredient(s) of unknown toxicity**12. ECOLOGICAL INFORMATION****Ecotoxicity**

6.61529% of the mixture consists of component(s) of unknown hazards to the aquatic environment

CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	CRUSTACEA
2-butoxyethanol 111-76-2	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50
Lauramine Oxide	EC50 7.4mg/L (Daphnia Magna) (OECD 202) LC50 33.5mg/L (Brachydanio rerio) (OECD 203)	N.D.	N.D.
Linear alcohol ethoxylate sulphate, sodium salt	EC50 Algae >56ppm 72 hr,	LC50 = 2.3mg/L 96 hr	EC50 Daphnia >13ppm 48 hr
Sodium Dodecylbenzene Sulfonate	-	10.8: 96 h Oncorhynchus mykiss mg/L LC50 static	-

**Persistence and Degradability**

Predicted to be biodegradable.

**Bioaccumulation**

Predicted to be low.

CHEMICAL NAME	PARTITION COEFFICIENT
2-butoxyethanol (111-76-2)	0.81

**Other Adverse Effects**

No Information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Do not reuse container.

**14. TRANSPORT INFORMATION**

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

**DOT** *Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.*

**15. REGULATORY INFORMATION****International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies

**Legend:****TSCA - United States Toxic Substances Control Act Section 8(b) Inventory****DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List****US 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	SARA 313-THRESHOLD VALUES %
2-butoxyethanol - 111-76-2	1.0

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire Hazard</b>	No
<b>Sudden Release Of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (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
Sodium Dodecylbenzene Sulfonate	1,000 lb.	-	-	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	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium Dodecylbenzene Sulfonate	1,000 lb	-	RQ 1,000 lb final RQ

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-butoxyethanol (111-76-2 )	X	X	X
Sodium Dodecylbenzene Sulfonate	X	X	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

<b>16. OTHER INFORMATION</b>
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<b>NFPA</b>	Health hazards	2	Flammability	0	Instability	0	Physical and Chemical Properties	Yes
<b>HMIS</b>	Health hazards	2	Flammability	0	Physical hazards	0	Personal protection	C

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Revision Note

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

**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**