

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier**Product Name** Karl's Best Citra Pour**Other means of identification****Product Code** 3112**Recommended use of the chemical and restrictions on use****Recommended use** Organic Deodorizer and 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

Flammable Liquid	Category 3
Skin Irritant	Category 2
Eye Irritant	Category 2
Skin Sensitization	Category 1
Aspiration Hazard	Category 1

Label elements**Emergency Overview****DANGER****Hazard statements**

Flammable liquid and vapor. Causes skin and serious eye irritation. May cause an allergic skin reaction. May be fatal if swallowed and enters airways.

**Appearance:** Clear Dark Orange Liquid**Physical state:** Liquid**Odor:** Citrus**Precautionary Statements - Prevention**

Keep away from heat, sparks, open flames and hot surfaces. -No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves and eye protection.

Precautionary Statements - Response

If on skin (or hair): Immediately take off all contaminated clothing. Rinse skin with water or shower. If skin irritation or rash occurs: Get medical advice or attention. Wash contaminated clothing before reuse. 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 or attention. Avoid breathing mist, vapors or spray. Contaminated work clothing must not be allowed out of the workplace. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, state and federal regulations.

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

• N/A

Unknown Acute Toxicity

N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Distillates (petroleum), hydrotreated light	64742-47-8	70-80%	*
d-Limonene	5989-27-5	20-30%	*
Alcohols, C6-12, ethoxylated propoxylated	68937-66-6	1-5%	*
Alcohols, C10-16, ethoxylated propoxylated	69227-22-1	1-5%	*

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

4. FIRST AID MEASURES**First aid measures****Skin Contact**

Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists. Wash contaminated clothing before reuse.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.

Inhalation

Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

Ingestion

Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Keep head below hips if vomiting occurs. Seek immediate medical attention. Aspiration hazard. Never give anything by mouth to an unconscious person.

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

ACUTE HEALTH HAZARDS: Repeated or prolonged contact may cause defatting and dryness. May cause an allergic skin reaction. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin. May cause skin sensitization.

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

Treatment of overexposure should be directed at the control of symptoms and the clinical condition. If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Dry chemical, carbon dioxide, water spray, alcohol-resistant foam.

Unsuitable extinguishing media: Water jets or streams.

Unusual fire and explosion hazards

FLAMMABLE LIQUID AND VAPOR. Keep away from heat, sparks, open flames and hot surfaces. No smoking.

Hazardous combustion products

Oxides of carbon.

Special fire fighting procedures

Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Refer to section 8 for proper Personal Protective Equipment.

Methods and material for containment and cleaning up**Methods for containment & cleaning up**

Eliminate all sources of ignition. Clean up using rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains and natural waterways. Place waste in proper containers for disposal. Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Offer for recycling or wrap container and place in trash collection.

RCRA status

Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on Safe Handling**

Keep out of the reach of children. Aspiration hazard if swallowed. Can enter lungs and cause damage. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not taste or swallow. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

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

Keep container tightly closed when not in use. Use only non-sparking tools. Take precautionary measures against static discharge. Store in a well ventilated area. Keep cool. Wear protective gloves and eye protection. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Protect from sunlight. Wash contaminated clothing and shoes thoroughly before reuse. Wash hands thoroughly after handling.

Incompatible Materials

Strong acids and bases, oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

Temperatures greater than 122 °F (50 °C) and sources of ignition. Avoid incompatible materials.

Incompatible Materials

Strong acids and bases, oxidizing agents.

Hazardous Decomposition Products

None known.

11.TOXICOLOGICAL INFORMATION**Information on likely routes of exposure Eyes, Ingestion, Skin****Product Information**

Skin Contact	Causes localized defatting, irritation, dermatitis.
Eye Contact	Causes irritation, burning, redness, tearing.
Inhalation	May cause respiratory tract irritation. No hazards with normal use.
Ingestion	Causes chemical burns, damage to mouth and esophagus with gastrointestinal irritation, nausea, vomiting.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Distillates (petroleum), hydrotreated light (64742-47-8)	(Oral, Rat) 5 g/kg	(Dermal, Rabbit) 2 g/kg	(Inhalation, Rat, 4h) 5 mg
d-Limonene (5989-27-5)	(Oral, Rat) 4400 mg/kg (Mouse) 5600 mg/kg	(Dermal, Rabbit) 5000 mg/kg	
Alcohols, C6-12, ethoxylated propoxylated (68937-66-6)	(Oral, Rat) > 5050 mg/kg	(Dermal, Rabbit) > 2000 mg/kg	
Alcohols, C10-16, ethoxylated propoxylated (69227-22-1)	(Oral, Rat) > 5000 mg/kg	(Dermal, Rabbit) > 2000 mg/kg	

Information on toxicological effects**Symptoms**

MEDICAL CONDITION AGGRAVATED: Pre-existing skin and respiratory disorders. May aggravate existing dermatitis.

ACUTE HEALTH HAZARDS: Repeated or prolonged contact may cause defatting and dryness. May cause an allergic skin reaction. Causes eye irritation including redness, tearing, and pain. Inhalation may cause respiratory tract irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin. May cause skin sensitization.

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

Carcinogenicity **OSHA:** No **ACGIH:** No **NTP:** No **IARC:** 3 - Not classifiable **OTHER:** N/A

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

12. ECOLOGICAL INFORMATION

Ecotoxicity

Distillates (petroleum), hydrotreated light (64742-47-8): LC₅₀ (Daphnia, 48h) > 1000 mg/L; EC₅₀ (Algae, 72h) > 1000 mg/L.
d-Limonene (5989-27-5): EC₅₀ (*Pimephales promelas*, 96h) 688 µg/L; EC₅₀ (*Daphnia magna*, 48h) 421 µg/L. **Alcohols, C6-12, ethoxylated, propoxylated (68937-66-6):** LC₅₀ (*Pimepahles promelas*, 96h): 22.5 mg/L; EC₅₀ (*Daphnia magna*, 48h): 14.4 mg/L.

Soil Mobility

This product is mobile in soil.

Persistence and Degradability

This product is biodegradable.

Bioaccumulation

This product is not expected to bioaccumulate.

Other Adverse Effects

None known.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Dispose of in accordance with local, state and federal regulations. Do not reuse, puncture or incinerate container. Offer for recycling or wrap container and place in trash collection.

RCRA status

Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

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

UN/ID No.	UN 1993
Proper Shipping Name	For inner packagings not over 5.0 L (1.3 gallons) net capacity each: Flammable liquids, n.o.s., Ltd. Qty. For inner and other packagings over 5.0 L (1.3 gallons) net capacity each: Flammable liquids, n.o.s., (d-Limonene).
Hazard Class	3
Packing Group	III

AIR SHIPMENT

UN/ID No.	UN 1993
Proper Shipping Name	Flammable liquids, n.o.s., (d-Limonene).2.1
Hazard Class	3
Packing Group	III

SHIPPING BY WATER: VESSEL (IMO/IMDG)

UN/ID No.	UN 1993
Proper Shipping Name	For inner packagings not over 5.0 L (1.3 gallons) net capacity each: Flammable liquids, n.o.s., Ltd. Qty. For inner and other packagings over 5.0 L (1.3 gallons) net capacity each: Flammable liquids, n.o.s., (d-Limonene).
Hazard Class	3
Environmental Hazards Water	N/A
Packing Group	III

15. REGULATORY INFORMATION

International Inventories

TSCA All Chemicals are listed or exempt.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

This product does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazard Categories

Flammable (gases, aerosols, liquids, solids). Skin corrosion or irritation. Serious eye damage or eye irritation. Respiratory or skin sensitization. Aspiration hazard.

CERCLA

None.

CWA (Clean Water Act)

None.

US State Regulations

California Proposition 65: None.

International Regulations

Listed or exempt from listing/notification on the following chemical inventories: Substances List (DSL, Canada).

Volatile Organic Compounds (VOC)

25%

16. OTHER INFORMATION

NFPA	Health hazards	2	Flammability	2	Reactivity	0	Other	None
HMIS	Health hazards	2	Flammability	2	Reactivity	0	Personal protection	B

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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