

SECTION 1: IDENTIFICATION

1.1. - IDENTIFICATION

Product form : Substance
 Substance name : Citra Kut II
 Other means of identification : KC-6265

1.2. - RECOMMENDED USE AND RESTRICTIONS OF USE

Use of the substance/mixture : Degreaser
 Recommended use : Degreaser
 Restrictions on use : Professional Use only.

1.3. - SUPPLIER

Superior Surface Solutions
 701 Woodswether Rd.
 Kansas City, MO 64105
 T 816-471-5227

1.4. - EMERGENCY TELEPHONE NUMBER

Emergency number : INFOTRAC: 1-800-535-5053

SECTION 2: HAZARD(S) IDENTIFICATION

2.1. - CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Physical hazards	:	Flammable Liquids	Category 4
Health hazards	:	Acute toxicity, oral	Category 5
	:	Skin irritation	Category 2
	:	Eye irritation	Category 2A
	:	Sensitization, skin	Category 1
	:	Aspiration Hazard	Category 1
Environmental hazards	:	Not classified.	
OSHA defined hazards	:	None	

2.2. - GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS

GHS-US labeling

Hazard pictograms (GHS US)



Signal word (GHS US) : Danger
 Hazard statements (GHS US) : Combustible liquid.
 May be harmful if swallowed.
 Causes skin irritation.
 Causes serious eye irritation.
 May cause an allergic skin reaction.
 May be fatal if swallowed and enters airways.

Precautionary statements (GHS US)
 Prevention

: Keep away from flames and hot surfaces. No smoking. Wear protective gloves/eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Avoid breathing vapors/mist/spray. Contaminated work clothing should not be allowed out of the workplace.
 : Call a POISON CENTER/doctor/medical professional if you feel unwell. In case of fire: Use water fog, foam or carbon dioxide (CO2) to extinguish. IF ON SKIN: Wash with plenty soap and water. Specific treatment: see Section 4 on the Safety Data Sheet. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it 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/attention. IF SWALLOWED: Immediately call a POISON CENTER/doctor/medical professional. Do NOT induce vomiting.
 : Store in a well-ventilated place. Keep cool. Store locked up.
 : Dispose of contents/container in accordance with local/regional/national/international regulations.

Response

Storage
 Disposal

2.2. - GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS (CONT)

Hazard(s) : None.
 not otherwise classified (HNOC)
 Supplemental information : None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. - SUBSTANCES

Mixtures

Chemical Name	CAS number	%
C9-C15 Cycloalkanes	Mixture	50-85
D-limonene	5989-27-5	10-15
2-butoxyethanol	111-76-2	10-15
C9-C15 Alkanes	Mixture	1-10
Nonionic surfactant	127087-87-0	1-10
Other components below reportable levels		1-20

SECTION 4: FIRST-AID MEASURES

4.1. - DESCRIPTION OF FIRST AID MEASURES

Inhalation : Move to fresh air. Call a physician if symptoms develop or persist.

Skin Contact : Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye Contact : Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention if irritation develops and persists.

Ingestion : Rinse mouth. Get medical attention if symptoms occur. Only induce vomiting at the instruction of medical personnel.

Most Important symptoms/effects, acute and delayed : Dermatitis. Rash. May cause an allergic skin reaction.

Indication of immediate medical attention and special treatment needed : Provide general support measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to the hospital. Keep victim under observation. Symptoms may be delayed.

General information : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. - SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA

Suitable extinguishing media : Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, sand, or earth may be used for small fires only.

Unsuitable extinguishing media : Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical : Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source or ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters : Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.

Fire-fighting equipment/instructions : In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

Specific Methods : Use standard firefighting procedures and consider the hazards of other involved materials.

General Fire Hazards : Flammable liquid and vapor.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. - PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal Precautions	: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out
Protective Equipment and Emergency Procedures	: of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors or mists. Ensure adequate ventilation. Remove all sources of ignition. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and Materials for containment and cleaning up	: Eliminate all ignition sources. Use only non-sparking tools. Take precautionary measures against static discharge. Keep combustibles away from spilled material. : Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. : Small spills: Absorb with earth, sand, or other non-combustible material and transfer to container for later disposal. Clean surface thoroughly to remove residual contamination. : Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.
Environmental Precautions	: Avoid release to the environment. Avoid discharge into areas not consistent with package labeling.

SECTION 7: HANDLING AND STORAGE

7.1. - PERSONAL FOR SAFE HANDLING

Precautions for Safe Handling	: Do not handle, store or open near an open flame, sources of heat or sources of ignition. Do not smoke. Use explosion proof equipment and non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	: Keep away from heat, sparks and open flame. Ground/bond container and equipment. Store in original tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. - CONTROL PARAMETERS

Occupational Exposure Limits

US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-butoxyethanol	PEL	50 ppm

US ACGIH Threshold Limit Values

Components	Type	Value
2-butoxyethanol	STEL	20 ppm

Biological Limit Values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Species	Sampling Time
2-butoxyethanol	200 mg/g	Creatinine	Urine	End of shift

Appropriate Engineering Controls

- : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Individual protection measures, such as protective equipment

- Eye/Face Protection, Skin Protection**: Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. - CONTROL PARAMETERS

Hand Protection	: Wear appropriate chemical resistant gloves.
Other	: Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory Protection	: In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal Hazards	: Wear appropriate thermal protective clothing, when necessary.
General Hygiene Considerations	: When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. - INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State	: Clear liquid
Color	: Colorless to light orange
Odor	: Citrus
Odor threshold	: Not available
pH	: Not available
Melting/freezing point:	: Not available
Initial boiling point and boiling range	: 300-410°F (148.9-210°C) estimated
Flash point	: 150°F (66°C) estimated
Evaporation rate	: Not available
Flammability	: Not available
Flammability Limits	
Upper	: 6% estimated
Lower	: 0.8% estimated
Vapor pressure	: Not available
Vapor density	: Not available
Specific gravity (water=1)	: 0.82
Solubility in water	: Insoluble
Partition coefficient (n-octanol/water)	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity	: Not available

SECTION 10: STABILITY AND REACTIVITY

10.1. - REACTIVITY

This product is stable and non-reactive under normal conditions of use.

10.2. - CHEMICAL STABILITY

Material is stable under normal conditions. Store in a cool dark place.

10.3. - POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous polymerization does not occur.

10.4. - CONDITIONS TO AVOID

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. - INCOMPATIBLE MATERIALS

Oxidizing agents, acids.

10.6. - HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide, carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

10.1. - INFORMATION ON TOXICOLOGICAL EFFECTS

Information on likely routes of exposure

- Ingestion : Do no ingest. Do NOT induce vomiting.
- Inhalation : Prolonged inhalation may be harmful.
- Skin contact : Causes skin irritation. May cause allergic skin reaction.
- Eye contact : Causes serious eye irritation. Wear eye/face protection.
- Symptoms related to the physical, chemical and toxicological characteristics : Dermatitis. Rash
- Acute toxicity : May be harmful if swallowed

Product	Route and Species	
Citra Kut II (CAS mixture)		
Acute	Oral, Rat	3,210 mg/kg estimated
*Estimates for product may be based on additional component data not shown		

- Skin corrosion/irritation : Causes skin irritation
- Serious eye damage/ irritation : Causes serious eye irritation.
- Respiratory sensitization : Not available.
- Skin sensitization : May cause an allergic skin reaction.
- Germ cell mutagenicity : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
- Carcinogenicity : This product is not expected to be a carcinogen.
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) : Not Listed.
- Reproductive toxicity : This product is not expected to cause reproductive or developmental effects.
- Specific target organ toxicity – single exposure : Not classified.
- Specific target organ toxicity – repeated exposure : Not classified.
- Aspiration hazard : May be harmful or fatal if product enters airways.

SECTION 12: ECOLOGICAL INFORMATION

12.1. - ECOTOXICITY

Product	Species	Test Results
Citra Kut II (CAS mixture)		
Aquatic		
Crustacea	Daphnia	EC50(48hr): 54 mg/L estimated
Fish	Oncorhynchus mykiss	LC50(96hr): 5 mg/L estimated

- Hand Protection** : Nonylphenol ethoxylate is not considered readily biodegradable. 2-butoxyethanol is considered readily biodegradable.
- Bioaccumulative Potential** : Potential to bioaccumulation is expected to be low.
- Mobility in Soil** : No data available.
- Other Adverse Effects** : Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. - DISPOSAL METHODS

- Disposal Instructions** : Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/ container in accordance with local/regional/national/international regulations.
- Local disposal regulations** : Dispose in accordance with all applicable regulations
- Hazardous Waste Code** : The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
- Waste from residues/unused product** : Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.
(see: Disposal instructions).
- Contaminated Packaging** : Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

SECTION 14: TRANSPORT INFORMATION

- DEPARTMENT OF TRANSPORTATION (DOT)** : Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

15.1. - US FEDERAL REGULATIONS

- SARA 302 Extremely Hazardous Substance** : Not listed.
- SARA 304 Emergency Release Notification** : Not listed.
- SARA 311/312 Hazard Categories** : Immediate Hazard - Yes
Delayed Hazard – No
Fire Hazard – Yes
Pressure Hazard – No
Reactivity Hazard – No
- SARA 313 (TRI reporting)** : 2-butoxyethanol (Glycol Ether Category)

SECTION 16: OTHER INFORMATION, including date of preparation or last revision

- Issue Date** : 6/2/2015
- Revision Date** : 6/2/2015
- Version #** : 1
- HMIS® ratings** : Health: 1
Flammability: 2
Physical hazard: 0
- NFPA Ratings** : Health: 1
Flammability: 2
Instability: 0
- Disclaimer** : The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. 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 related 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 by the text.
- Revision Information** : First issue