



SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **ORANGE KRUSH™**
PRODUCT USE: Industrial Degreaser
PRODUCT NUMBER: K-663
COMPANY: K & K Chemical
PHYSICAL ADDRESS: 1303 Industrial Drive, Royse City, Texas, 75189
MAILING ADDRESS: PO Box 1059, Royse City, Texas, 75189
COMPANY PHONE: 800-958-6921
WEB ADDRESS: KandKChemical.com
EMERGENCY PHONE: INFOTRAC (24/7) 1-800-535-5053 (USA)

SECTION 2. HAZARD(S) IDENTIFICATION

DANGER



HAZARD CATEGORIES:

Flammable Liquids: 3
Aspiration Hazard: 1
Skin Corrosion/Irritation: 2
Sensitization (Skin): 1
Eye Damage/Irritation: 2B
Specific Organ Toxicity (Single Exposure): 3

HAZARD STATEMENTS:

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

PRECAUTIONARY STATEMENTS:

Prevention:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not breathe mist / vapors / spray.
Do not get in eyes, on skin, or on clothing.
Wear protective gloves and safety glasses with splash shields.

Response:

IF SWALLOWED: Rinse mouth with water. Do NOT induce vomiting. Get medical advice or attention.

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Remove 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 or attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	SYNONYMS	CAS #	WT %
d-Limonene	Citrus terpenes	94266-47-4	54
Nonylphenol polyethylene glycol ether	NP-6, NP-9	127087-87-0	19

SECTION 4. FIRST AID MEASURES

IF SWALLOWED: Rinse mouth with water. Do NOT induce vomiting. Get medical advice or attention.

IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. Remove 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 or attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Dry chemical, foam or carbon dioxide.

SPECIFIC HAZARDS: Water is not a suitable extinguishing medium.

PRODUCTS OF COMBUSTION: Acrid fumes, carbon monoxide, carbon dioxide.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear gloves, protective clothing and eye/face protection. Remove contaminated clothing.

CONTAINMENT AND CLEAN-UP: Eliminate all ignition sources. Dike spill area and prevent further leakage or spillage. Keep away from drains, surface water, ground water and soil. Soak up in an inert absorbent material. Dispose of as hazardous waste in accordance with all regulations. There are no special reporting requirements for spills of this product.

SECTION 7. HANDLING AND STORAGE

Keep away from heat, sparks and flames. Open container slowly to release pressure caused by temperature variations. Do not allow this product to come in contact with eyes. Avoid prolonged contact with skin. Use in well-ventilated areas. Wash hands with soap and water after handling. Keep container closed when not in use. Store in original container. Shelf life is two years. Shake well before use.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

MATERIAL	OSHA PEL	ACGIH TLV
d-Limonene	None known	None known
Nonylphenol polyethylene glycol ether	None known	None known

APPROPRIATE ENGINEERING CONTROLS: Normal ventilation is adequate. Keep away from sources of ignition.

EYE/FACE PROTECTION: Wear safety glasses or goggles.

SKIN PROTECTION: Nitrile gloves are recommended.

RESPIRATORY PROTECTION: Not normally required.

GENERAL HYGIENE CONSIDERATIONS: Wash hands thoroughly after handling. Have eyewash station immediately available. Launder contaminated clothing before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Pale orange emulsion

ODOR: Citrus

FLASH POINT: 49°C (TCC)

SPECIFIC GRAVITY: 0.898

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY: Not reactive

CHEMICAL STABILITY: Stable

INCOMPATIBLE MATERIALS TO AVOID: Strong oxidizing agents and strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of d-limonene, which can result from improper storage and handling, are known to cause skin sensitization.

CONDITIONS TO AVOID: Keep away from heat, sparks and flames.

INCOMPATIBLE MATERIALS: None known

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY: Skin absorption, eye contact, inhalation, ingestion

LISTED CARCINOGEN: No

MEDICAL CONDITION AGGRAVATED: Inhalation may cause irritation of the nose, throat and respiratory tract.

SECTION 12. ECOLOGICAL INFORMATION

Very toxic to aquatic life with long lasting effects. Avoid release to the environment.



SECTION 13. DISPOSAL CONSIDERATIONS

Incinerate or dispose of in accordance with local regulations. Oil soaked rags or contaminated packaging should be disposed of properly to prevent spontaneous combustion.

SECTION 14. TRANSPORTATION INFORMATION

D.O.T. PROPER SHIPPING NAME: UN1993, Flammable liquids, nos (Terpene hydrocarbons), 3, PGIII. Exception 173.150(f) applies. May be reclassified as a combustible liquid and shipped domestically by ground as nonregulated in containers of 119 gal or less.

SECTION 15. REGULATORY INFORMATION

None known

SECTION 16. OTHER INFORMATION

REVISION DATE: Mar. 12, 2016

HMIS: Health = 2, Fire = 2, Reactivity = 0, Personal protection = B

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