



SAFETY DATA SHEET
KD Gold™

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: KD Gold™ and KD Gold RTU™

SYNONYMS: Soap
PRODUCT CODES: 080

MANUFACTURER: Natural Soap Formulas, Inc.
DIVISION: Commercial
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PRODUCT USE: Soap Surfactant, Degreaser, General Cleaning Compound, Domestic and Personal Care Cleaning Products

SECTION 2: HAZARDS IDENTIFICATION

OVERVIEW:

Product is slightly viscous, clear-amber solution.

POTENTIAL HEALTH EFFECTS:

EYES: This product may cause irritation to the eyes after direct contact.

SKIN: Exposure to skin is not likely to result in irritation or redness. There is no level of toxicity associated with the material being absorbed through the skin.

INGESTION: There is no level of toxicity associated with ingestion of this product. However, ingesting very large amounts may cause minor gastrointestinal distress (such as diarrhea, due to emulsification of grease and oil in the digestive tract).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Information. Soap Non-Ionic Surfactant Compound, which complies with OSHA 29 CFR XVII-1910.1200 paragraph (i) "Trade Secrets". Contains no hazardous components under current OSHA definitions.

European Union: None of the components of this product are listed in Annex I to Directive 67/548/EEC or in Annexes II, III or V to Directive 1999/45/EC.

SECTION 4: FIRST AID MEASURES

EYES: Health injuries are not known or expected. If irritation occurs, flush eyes with water. After initial flushing, remove any contact lenses and continue flushing for 1 minute. No further first aid measures are required. If symptoms persist or if there are additional concerns, please seek medical attention

SKIN: No level of toxicity is associated with the material being absorbed through the skin. If desired, wash after handling

INGESTION: Health injuries are not known or expected with ingestion of this product. However, ingesting large amounts may cause minor gastrointestinal distress (such as diarrhea, due to emulsification of grease and oil in the digestive tract). Drink plenty of water and allow the product to pass through the digestive system naturally, if symptoms persist or if there are additional concerns, please seek medical attention.

INHALATION: Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs remove exposed person to fresh air. Seek medical attention if respiratory irritation or distress continues.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (% BY VOLUME)

UPPER: Not Available LOWER: Not Available

FLASH POINT: Not Established

METHOD USED: Not Available

AUTOIGNITION TEMPERATURE: Not Available

NFPA HAZARD CLASSIFICATIONHEALTH: 0
OTHER: 0

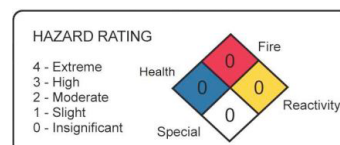
FLAMMABILITY: 0

REACTIVITY: 0

HMIS HAZARD CLASSIFICATIONHEALTH: 0
PROTECTION: 0

FLAMMABILITY: 0

REACTIVITY: 0

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate to surrounding fire conditions.**SPECIAL FIRE FIGHTING PROCEDURES:** No Special precautions are required**UNUSUAL FIRE AND EXPLOSION HAZARDS:** This product is an aqueous mixture that will not burn**HAZARDOUS DECOMPOSITION PRODUCTS:** Upon decomposition, this product emits carbon dioxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: None necessary.**EVACUATION PROCEDURES:** None necessary.**CLEAN UP PROCEDURE:** Rinse area with water [Dispose of material in accordance with local regulations].**SPECIAL INSTRUCTIONS:** Surfaces may become slippery after spillage.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: No special precautions required.**SECTION 7 NOTES:** Storage out of direct sunlight is recommended to assure product longevity.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No special controls required**VENTILATION:** Normal ventilation is adequate.**RESPIRATORY PROTECTION:** None required for normal usage.**EYE PROTECTION:** None required, but protective eyewear is advisable for operator's comfort.**SKIN PROTECTION:** None required for normal usage.**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None required for normal usage.**WORK HYGIENIC PRACTICES:** None required for normal usage.**EXPOSURE GUIDELINES:** No ACGIH, NIOSH or OSHA exposure guidelines listed for this product's components.

SECTION 8 NOTES: Normal usage is defined as product concentrate or concentrate/water dilution, Where the product is combined or used with other materials, please review and follow the safety information provided by the manufacturer of such other materials.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Amber Liquid

ODOR: Odorless to Very Slight Soap Oder

ODOR THRESHOLD: Not Available

pH (CONCENTRATE): 9.6 to 10.6

MELTING POINT: Not Applicable

BOILING POINT: 213 °F @ 760 mm Hg (101 °C @ 760 mm Hg)

FLASH POINT: None established >212 °F (>100 °C)

CLOUD POINT: None established

FREEZING POINT: 29 °F (-2°C)

SPECIFIC GRAVITY (H₂O = 1): 1.1119 @68 °F (1.1119 @ 20°C)

EVAPORATION RATE: Not Available

FLAMABILITY LIMITS: Not Available

VISCOSITY: Not Available

VAPOR PRESSURE (mmHg): Not Available

VAPOR DENSITY (AIR = 1): Not Available

RELATIVE DESITY: (H₂O = 1): >1

PHYSICAL STATE: Liquid [Slightly Viscous]

SOLUBILITY IN WATER [H₂O]: Miscible

PARTITION COEFFICIENT: N-OCTANE/WATER: Not Available

AUTO-IGNITION TEMPRATURE: Not Available

DECOMPOSITION TEMPRATURE: Not Available

VOLATILE ORGANIC COMPOUNDS (VOC): None Detected

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal use

REACTIVITY: None. Does not react with other compounds.

CONDITIONS TO AVOID: None documented

INCOMPATIBILITY (MATERIAL TO AVOID): None documented

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: No decomposition if stored normally. Carbon dioxide oxide may form when heated to decomposition.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None documented

SECTION 10 NOTES: Normal usage is defined as product concentrate or concentrate/water dilution.

SECTION 11: TOXICOLOGY INFORMATION

GENERAL PRODUCT COMPOUND INFORMATION

ACUTE TOXICITY: No irritation or toxicity associated with this product. [Component LD50/LC50 – Not applicable – NO such testing conducted on animals].

CHRONIC TOXICITY: No irritation or toxicity associated with this product

EPIDEMIOLOGY: No information available.

CARCINOGENICITY: None Identified. [None of this product's components are listed by ACGIH, IARC, NIOSH, NTP, OSHA].

NEUROTOXICITY: None

MUTAGENICITY: None

SECTION 12: ECOLOGICAL INFORMATION

EXOTOXICITY: The product is bio-based and readily biodegradable and there are no negative ecological concerns associated with this product. Biodegradability tested in accordance to OECD Method 301B, Modified Sturm Test and OECD Method 301C, MITI Test.

SECTION 13: DISPOSAL CONSIDERATIONS

US EPA WASTE NUMBER AND DISCRIPTION:

A. General Product Information: Not listed by the EPA as a hazardous waste.

B. Component Waste Number: No EPA Waste Numbers are applicable for this product's components.

DISPOSAL INSTRUCTIONS: Waste must be disposed of in accordance with local, state, federal environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

Not classified as dangerous in the meaning of transport regulations. US DOT Classification: 55

PROPER SHIPPING NAME: Not Regulated

HAZARD CLASS: Not Applicable

UN/NA ID NUMBER: Not Applicable

PACKING GROUP: Not Applicable

LABEL STATEMENT: Not Applicable

TRANSPORT CANADA

Not classified as dangerous in the meaning of transport regulations Transport Canada TDG

EUROPEAN UNION

European Union: Not classified as dangerous in the meaning of transport regulations Directive 94/55/EC

OTHER INTERNATIONAL TRANSPORT REGULATIONS

Not regulated as dangerous goods

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

None of this product's components are listed under SARA Section 302 (40CFR Appendix A), SARA Section 313 (40CFR 372.65) or CERCLA (40CFR 302.4).

STATE REGULATIONS

State Right To Know - None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI. This product contains NO harmful ingredients under California Prop 65 Safe drinking water and Toxic Enforcement Act.

OTHER REGULATIONS

Product complies with all known regulatory considerations and is unregulated and not listed as a Hazmat by any agency.

SECTION 16: OTHER INFORMATION

Other Information:

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representation and assumes no liability for any direct, incidental or consequential damages resulting from, its use. The above sets forth technical data supplied to the manufacturer has been edited to avoid disclosure of proprietary information and avoid redundancy. All inquiries concerning the content of this document should be directed to the Distributor or Manufacturer.

KEY/LEGEND

Y=Yes; N=No; EPA=Environmental Protection Agency; TSCA=Toxic Substance Control Act; ACGIH=American Conference of Governmental Industrial Hygienists; FDA=Food and Drug Administration, GRAS=Generally Regarded As Safe, IARC=International Agency for Research Cancer; NIOSH=National Institute for Occupational Safety and Health; SARA=Superfund Amendments and Reauthorization Act CFR=Code of Federal Regulations; CERCLA=Comprehensive Environment Response Compensation and Liability Act; NTP=National Toxicology Program; OECDI=Organisation for Economic Co-operation and Development; OSHA=Occupational Health and Safety Administration; NA=Not available or applicable; DOT=Department of Transportation. TGD=Transport of Dangerous Goods

SDS PREPARED: 4, February 2016

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