

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

| | |
|------------------------------------|---------------------------------------|
| Product Identifier: TigerStrip 200 | Product Identification # (PIF): 01655 |
| Product Use: Emulsion Remover | Emergency Telephone #: 1-800-255-3924 |
| Manufactured by: Kor-Chem, Inc. | General Information #: 404-344-9580 |
| 5800 Bucknell Drive | Date Prepared: October 29, 2015 |
| Atlanta, GA 30336 | Date Revised: January 21, 2016 |

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: DANGER

| Hazard Class | Category | Code | Hazard Statement |
|--|----------|------|------------------------------------|
| Oxidizing Liquids | 3 | H272 | May intensify fire; oxidizer |
| Corrosive to Metals | 1 | H290 | May be corrosive to metals |
| Acute Toxicity, Oral | 4 | H302 | Harmful if swallowed |
| Skin Corrosion | 1B | H314 | Causes severe burns and eye damage |
| Eye Damage | 1 | H318 | Causes serious eye damage |
| Hazardous to the Aquatic Environment, Acute Hazard | 2 | H401 | Toxic to aquatic life |

Precautionary Measures:

| Category | Code | Statement |
|------------|----------------|---|
| Prevention | P210 | Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep away from clothing/combustible materials. Take any precaution to avoid mixing with combustibles. Keep only in original container. Do not breathe fumes/mists/ vapors/sprays. Wash thoroughly after handling. Do not eat, drink or smoke or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. |
| | P220 | |
| | P221 | |
| | P234 | |
| | P260 | |
| | P264 | |
| | P270 | |
| | P273 | |
| | P280 | |
| Response | P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatments: See section 4 First Aid Measures. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. In case of fire: Use foam, dry chemical, carbon dioxide fire extinguishers or water spray for extinction. Absorb spillage to prevent material damage. |
| | P312 | |
| | P303+P361+P353 | |
| | P363 | |
| | P304+P340 | |
| | P310 | |
| | P321 | |
| | P305+P351+P338 | |
| Storage | P404 | Store in a closed container. Store locked up. |
| | P405 | |
| Disposal | P501 | Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations. |

Description of any hazards not otherwise classified: Repeated or prolonged contact causes skin defatting (dermatitis). Inhalation of mists/vapors/sprays is corrosive to the respiratory tract.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Common Name | CAS # | Concentration Range % |
|----------------------|------------------|-----------|-----------------------|
| Phosphoric acid | None known | 7664-38-2 | 6 – 10 |
| Sodium metaperiodate | Sodium periodate | 7790-28-5 | 6 – 10 |

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin: Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash with soap and water. Wash contaminated clothing before reuse. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Not flammable

Flash Point: Not flammable

Extinguishing Media: Not flammable, but may intensify fire - Use foam, dry chemical, carbon dioxide fire extinguishers or water spray for extinction. Use water spray to keep fire-exposed containers cool.

Specific hazards arising from chemical: Containers can build up pressure if exposed to heat and/or fire. May intensify fire.

Hazardous combustion products: Oxides of carbon, phosphorus and iodine.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is not sensitive to static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Do not breathe fumes/mists/ vapors/sprays. Eliminate all ignition sources. Keep away from clothing/combustible materials. Ventilate area. Wash thoroughly after handling.

For Small Spills: Avoid release to the environment. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Neutralize with weak basic material (soda ash), then absorb spill with vermiculite or other inert material, and then place in a container for chemical waste. Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use with adequate ventilation. Do not breathe fumes/mists/ vapors/sprays. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Keep away from clothing/combustible materials. Take any precaution to avoid mixing with combustibles. Do not premix with other chemicals. Avoid release to the environment. Empty containers may contain residue and can be dangerous. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container tightly closed when not in use. Store locked up. Protect from physical damage. Store away from strong bases, powdered metals and combustibles.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Ingredient | CAS # | OSHA/PEL | ACGIH/TLV | STEL |
|----------------------|-----------|--------------------|----------------|-----------------|
| Phosphoric acid | 7664-38-2 | 1mg/m3 | 1mg/m3 | Not established |
| Sodium metaperiodate | 7790-28-5 | 4mg/m3 – dust only | Not determined | Not determined |

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles and face shield.

Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing and apron.

Respirator: Use NIOSH approved protection if PEL with organic vapor/acid cartridge if sprays/mists are generated.

Other: Use in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|--------------------------------------|------------------------|---|-------------------|
| Appearance | Colorless, hazy liquid | Upper/Lower flammability limits | Not determined |
| Odor | None | Vapor pressure | Not determined |
| Odor threshold | Not determined | Vapor density (Air = 1) | <1 |
| pH | 1.5 | Specific gravity (water = 1.0) | 1.135 g/ml |
| Melting point | Not determined | Solubility | Complete in water |
| Freezing point | Not determined | Partition coefficient (n-octanol/water) | Not determined |
| Boiling point | Not determined | Auto-ignition temperature | Not determined |
| Flash point | Not flammable | Decomposition temperature | Not determined |
| Evaporation rate (n-butyl acetate=1) | <1 | Viscosity | Not determined |
| Flammability | Not flammable | VOC | 0 |

SECTION 10. STABILITY AND REACTIVITY

Reactivity: May intensify fire - Take any precaution to avoid mixing with combustibles.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong bases, powdered metals and combustible materials.

Hazardous combustion products: Oxides of carbon, phosphorus and iodine.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral (LD50 Rat): Not determined
Dermal (LD50 Rabbit): Not determined
Inhalation (LC50 Rat): Not determined

Skin corrosion irritation: Corrosive to skin. Causes redness and irritation. Repeated or prolonged contact causes skin defatting (dermatitis).

Serious eye damage/irritation: Corrosive to eyes. Causes stinging and tearing. Causes eye damage if left untreated.

Respiratory or skin sensitization: Inhalation of mists/vapors/sprays is corrosive to the respiratory tract.

Germ cell mutagenicity: Not available

Carcinogenicity: NTP/IARC/OSHA Carcinogen – No

Reproductive toxicity: Not available

STOT-single exposure: Immediate and delayed – corrosive to eyes and skin. Harmful if swallowed.

STOT-repeated exposure: Delayed – dermatitis.

Aspiration hazard: Aspiration into the lungs may result in damage or death.

Ingestion: Harmful if swallowed. Corrosive to the mouth, throat and gastrointestinal tract. Can cause burning sensation.

Likely routes of exposure: Eyes, skin and inhalation (if mists or sprays are generated)

Interactive effects: Not available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): Not determined
96h EC-50 (invertebrates): Not determined
48h LC-50 (algae): Not determined

Persistence and degradability: Not determined

Bioaccumulative potential: Not determined

Mobility in soil: Mobile in soil. This product is soluble in water and may spread in water systems.

Other adverse effects: Toxic to aquatic life – avoid release to the environment. This product can raise the pH of an aquatic environment, and thus be toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 Corrosive (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

UN/ID No.: UN3098
Proper Shipping Name: Oxidizing liquid, corrosive, n.o.s., (Sodium Periodate, Phosphoric acid)
Hazard Class: 5.1 (8)
Packing Group: III
49 CFR §173.152 (b) (2) Oxidizer exemption: This product can ship as "Limited Quantity" in inner packaging not over 1.3 gallons (5.0 Liter). (Non Hazardous)

IATA and IMDG:

UN/ID No.: UN3098
Proper Shipping Name: Oxidizing liquid, corrosive, n.o.s., (Sodium Periodate, Phosphoric acid)
Hazard Class: 5.1 (8)
Packing Group: III
Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).
Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

Table with 4 columns: Health Hazard, Fire Hazard, and Reactive Hazard. Rows include Immediate (Acute) Health, Delayed (Chronic) Health, Fire Hazard, and Reactive Hazard.

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: Phosphoric acid CAS# 7664-38-2 has a reportable quantity of 5,000 lbs. at 100% concentration, however, this product is not considered a Hazardous Substance since the quantity does not equal or exceed the RQ in one package (49 CFR 171.8, definition of "Hazardous Substance").

United States Right-To-Know: – Phosphoric Acid CAS# - Massachusetts, Minnesota, Rhode Island, New Jersey & Pennsylvania.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 Corrosive (40 CFR 261.22).

SECTION 16.

OTHER INFORMATION

Date Prepared: January 21, 2016 – SDS revised to move product VOC to Section 9.

Hazard Ratings (HMIS): Health 3, Flammability 0, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

“FOR INDUSTRIAL USE ONLY”

| Abbreviation | Full Name/Explanation |
|--------------|---|
| ACGIH | American Conference of Government Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response Compensation and Liability Act |
| CNS | Central Nervous System |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EC | Effective Concentration |
| HMIS | Hazardous Material Information System |
| LC | Lethal Concentration |
| LD | Lethal Dose |
| NA | Not Applicable |
| ND | Not Determined |
| NE | Not Established |
| NIOSH | National Institute for Occupational Safety and Health |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| RCRA | Resource Conservation Recovery Act |
| SARA | Superfund Amendments and Reauthorization Act |
| STEL | Short-Term Exposure Limit |
| TLV | Threshold Limit Value |
| STOT | Specific Target Organ Toxicity |
| TSCA | Toxic Substance Control Act |
| VOC | Volatile Organic Compounds |

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED, REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.