

MERAS ENGINEERING INC 2401 E ORANGEBURG AVE MODESTO, CA 95355

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: MERAS 4130**Product Code:** 6101**Chemical Family:** General Purpose Cleaner

MERAS ENGINEERING INC
2401 E ORANGEBURG AVE #675
MODESTO, CA 95355
(415)240-4918

24 Hr. Emergency Tel.#: 800-262-8200

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Statements:

May cause skin irritation

May cause eye irritation

Precautionary Statements:

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with soap and water.**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

This product does not contain any hazardous or noxious ingredients defined by any regulatory or governmental agency.

SECTION 4 - FIRST-AID MEASURES

Inhalation: Get medical advice/attention if you feel unwell or are concerned.**Skin Contact:** Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.**Eye Contact:** Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.**Ingestion:** Rinse mouth. If you feel unwell, or if concerned: Get medical advice/attention.**Most Important Symptoms and Effects, both Acute and Delayed:** Contact with eye can cause irritation. Contact with skin can cause irritation.**Indication of any Immediate Medical Attention and Special Treatment Needed:** Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray, powder, foam, carbon dioxide.**Special hazards arising from the substance or mixture:** Non combustible. May give off irritating or toxic fumes (or gases) in a fire.**Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012):** Non flammable**Hazardous Combustion Products:** Potentially dangerous phosphorus oxides. Carbon oxides.**Special protective equipment and precautions for firefighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear appropriate personal protective equipment as specified in Section 8. Keep unnecessary and unprotected personnel from entering.**Methods and materials for containment and cleaning up:** SMALL SPILLS (less than 1 gallon): May be flushed, after neutralization with dilute/weak acid, to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal. Ensure adequate decontamination of tools and equipment following clean up.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Wear at least chemical resistant gloves and eye protection, face shield, and chemical resistant garments when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.**Conditions for Safe Storage:** Keep product in tightly closed container when not in use. Do not drop, roll or skid drum.

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Incompatible Materials: Acids, bases and strong oxidizers.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation and engineering measures: Forced air, local exhaust, or open air is adequate.

Respiratory Protection: No additional respiratory protection needed.

Skin Protection: Wear chemical resistant gloves and chemical resistant garments when handling, wash garments before re-use.

Eye/Face Protection: Wear safety glasses, goggles and/or face shield to prevent eye contact.

Other Protective Equipment: Eye wash facility and emergency shower should be in close proximity.

General Hygiene Conditions: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow clear liquid.

Odor: Odorless.

pH: 7.0-8.0

Melting/Freezing point: No information available.

Initial boiling point and boiling range: No information available.

Flammability (solid, gas): Non flammable.

Specific gravity: 1.02 g/mL

Solubility in water: Complete

Decomposition temperature: No information available.

Viscosity: 5-15 cSt at 20°C / 68°F

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Strong bases/acids/oxidizing agents

Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions: May react with incompatible materials

Conditions to Avoid: Avoid contact with strong acids and oxidizers. Avoid chlorine and strong reducing agents when using or storing this product.

Incompatible Materials: Chlorine, strong reducing agents. Acids, bases and strong oxidizers.

Hazardous Decomposition Products: Potentially dangerous phosphorous oxides. Carbon oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Informaiton on likely routes of exposure:

Routes of entry - inhalation: YES

Routes of entry - skin & eye: YES

Routes of entry - ingestion: YES

Routes of entry - skin absorption: NO

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Inhalation: May cause irritation to respiratory system.

Ingestion: May cause irritation to digestive system

Skin: May cause skin irritation including redness, edema, swelling, rash, scaling or blistering, drying and/or cracking of skin.

Eye: May cause redness, stinging, tearing, swelling, itching and/or irritation of the eye. Possible eye damage if left untreated.

Potential Chronic Health Effects:

Mutagenicity: Not known to have mutagenic effects in humans or animals.

Carcinogenicity: Not expected to be a carcinogen or tumorigenic.

Reproductive effects: No known reproductive effects in humans or animals.

Sensitization to material: Not a known sensitizer in humans or animals.

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Toxicological data: The calculated ATE values for this mixture are:

ATE oral = >5000 mg/kg

ATE dermal = >5000 mg/kg

ATE inhalation = >20 mg/L

SECTION 12 - ECOLOGICAL INFORMATION

No environmental testing has not been done on this product as a whole. This is a non-hazardous material and it is not believed to have any environmental effects.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

Method of disposal: Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA: Not a listed RCRA hazardous waste.

SECTION 14 - TRANSPORTATION INFORMATION

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

US 49 CFR/DOT/IATA/IMDG Information: Non Hazardous Material

Environmental hazards: Not a Marine Pollutant

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

TSCA information: All components are listed on the TSCA inventory.

US CERCLA reportable quantity (RQ): Non Regulated Material.

SARA Title III: No chemicals in this product are subject to SARA Title III reporting.

SECTION 16 - OTHER INFORMATION

Legend:

SARA: The Superfund Amendments and Reauthorization Act

RCRA: Resource Conservation and Recovery Act

TSCA: Toxic Substances Control Act

CFR: Code of Federal Regulations

DOT: Department of Transportation

ATE: Acute Toxicity Estimate

Preparation date: 1/15/2013