

SAFETY DATA SHEET TRED OFF YELLOW

SECTION 1- PRODUCT IDENTIFICATION

PRODUCT NAME: TRED OFF YELLOW
SYNONYMS: Product is a mixture: No synonyms are available.
PRODUCT USE: Moderately Alkaline Material
SUPPLIER:..... **WESMAR CO. INC.**
SUPPLIER'S ADDRESS:..... 5720 204TH ST SW, Lynnwood, WA 98036 (206) 783-5344
EMERGENCY RESPONSE NUMBER: PERS: 1-800-633-8253



SECTION 2 – HAZARD IDENTIFICATION

GHS07 Irritant



PRODUCT CLASSIFICATION:

SIGNAL WORD:..... WARNING

GHS HEALTH HAZARD STATEMENT: H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

GHS LABEL ELEMENTS: The product is classified and labeled according to the Globally Harmonized System (GHS).

P STATEMENTS:..... P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P264: Wash skin and contaminated clothing thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear suitable protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P337+P313: If eye irritation persists: Get medical advice/attention.

P362: Take off contaminated clothing.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

CLASSIFICATION SYSTEM:..... NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme.

NFPA ratings (scale 0-4):..... Health = 2, Fire = 0, Reactivity = 0

HMIS ratings (scale 0-5):..... Health = 2, Fire = 0, Reactivity = 0

SECTION 3 – COMPOSITON/INFORMATION ON INGREDIENTS

Chemical characterization:..... Mixtures

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Description:..... Mixture of the substances listed below with nonhazardous additions.

COMPONENT	PERCENT	CAS #	EC #	GHS CLASS
Sodium metasilicate	5-10	6834-92-0	229-912-9	Skin Corr: Cat 1C, Eye Corr. Cat 1
Dipropylene glycol methyl ether	1-5	34590-94-8	252-104-2	Eye Irrit. Cat 2B

Irrit. = Irritation, Corr. = Corrosion, Cat. = Category

SECTION 4 – FIRST AID MEASURES

- EYE CONTACT:**..... Immediately flush eyes with water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Get immediate medical attention.
- SKIN CONTACT:** Remove contaminated clothing and shoes. Wash affected skin area with soap and water. Delayed skin damage is possible if product is not completely washed off. Get immediate medical attention.
- SWALLOWING (INGESTION):**..... If ingested, dilute swallowed material by drinking water. DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops. Never give anything by mouth to an unconscious person. Get immediate medical attention.
- INHALATION:**..... Remove to fresh air. Get immediate medical attention.
- OTHER INSTRUCTIONS:**..... Rescue personnel must wear appropriate protective equipment during removal of victims from contaminated areas. Treat symptomatically and supportively.

SECTION 5 – FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA:**..... Dry chemical, foam, water or carbon dioxide.
- SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS:** In the event of a fire, wear a NIOSH (USA) or CEN (EU) approved, positive pressure, self-contained breathing apparatus (SCUBA) and full protective clothing. Evacuate all non-essential personnel from the danger area.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:**..... No further relevant information is available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:**... Restrict access to keep out unauthorized or unprotected personnel. Wear protective equipment. Avoid inhalation and direct contact.
- ENVIRONMENTAL PRECAUTIONS:** . Keep spilled material away from sewage/drainage systems and waterways.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:**.... All clean-up personnel must be properly trained. Confine the spill and remove incompatible materials and ignition sources. Ensure adequate ventilation. Secure the source of the leak if conditions are safe. Neutralize spill and collect using an appropriate absorbent material such as clay or vermiculite. Place waste in an appropriate container for disposal. Use care during clean-up to avoid exposure to the material and injury from broken containers.

SECTION 7 – HANDLING AND STORAGE

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PRECAUTIONS FOR SAFE HANDLING: Use with adequate ventilation. Wear proper protective equipment. Do not mix with water or acids without proper dilution and agitation to prevent a potentially violent reaction.

CONDITIONS FOR SAFE STORAGE: Store in closed, properly labeled containers. Protect containers from heat, physical damage, ignition sources and incompatible materials. Have emergency equipment for fires and spills readily available.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

TLV (THRESHOLD LIMIT VALUE):....The TLV in section in section III is the ACGIH/TLV-TWA (threshold limit value/time weighted average concentration for an eight hour work day). The STEL is the short term exposure limit and the (Ceil) is the ceiling limit.

COMPONENT	OSHA PEL – TWA	ACGIH – TLV	ACGIH – STEL
Sodium metasilicate	8 hr Recommended: 3mg/m ³	Not Established	Not Established
Dipropylene glycol methyl ether	100 ppm, 600mg/m ³	100 ppm	150 ppm

EYE PROTECTION:..... Wear chemical splash goggles or face shield.

SKIN PROTECTION:..... Minimize contact with product. Wear chemical resistant coveralls, boots, gloves, apron and/or suitable long-sleeved clothing.

RESPIRATORY PROTECTION:..... In case of brief exposure use respiratory filter device. In case of intensive or longer exposure, use respiratory protective device that is independent of circulating air.

VENTILATION: Ensure adequate ventilation.

ADDITIONAL MEASURES:..... Emergency eyewash and safety shower facilities should be available in the immediate work area.

REQUIRED WORK/HYGIENE:..... Wash hands thoroughly after handling. Keep away from all food stuffs, beverages and feed. Do not eat, drink or smoke in work area.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Orange free flowing powder with mild odor.

ODOR: Mild odor.

ODOR THRESHOLD: Not Available

pH: 11.5 - 12.0 (1% solution)

MELTING POINT/FREEZING POINT: Not available

BOILING POINT:..... Not available

FLASHPOINT:..... Not applicable

EVAPORATION RATE: Not Available

FLAMMABILITY: Non flammable, non combustible

LOWER FLAMMABILITY LIMIT: Not applicable

UPPER FLAMMABILITY LIMIT:..... Not applicable

VAPOR PRESSURE:..... Not Available

VAPOR DENSITY (AIR=1):..... Not determined

RELATIVE DENSITY:..... > 1.0

SOLUBILITY IN WATER:..... Soluble in water

PARTITION COEFFICIENT n-OCTANOL/WATER: Not Available

AUTOIGNITION TEMPERATURE: Not Available

DECOMPOSITION TEMPERATURE: . Not Available

SECTION 10 – STABILITY AND REACTIVITY

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STABILITY: Stable under recommended storage conditions.
HAZARDOUS CONDITIONS TO AVOID: No decomposition if used according to specifications.
INCOMPATIBLE MATERIALS:..... Keep away from strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS: No dangerous decomposition products known.

SECTION 11 – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: ... Sodium Metasilicate

ACUTE TOXICITY: LD50 Oral: 1280mg/kg (Rat), 2400mg/kg (mouse)

CHRONIC TOXICITY:..... No data were available regarding chronic exposure, reproductive or teratological effects, or carcinogenicity for sodium metasilicate.

CARCINOGENICITY:..... This product is not classified as a carcinogen by NTP, IARC or OSHA.

TOXICOLOGICAL INFORMATION: ... Dipropylene Glycol Methyl Ether:

ACUTE TOXICITY: LD50 values: Oral LD50: 5152 mg/kg (rat). LC50 dermal and inhalation: Not listed. Eyes: Rabbit: Mild Irritation: 25 hours.

CARCINOGENICITY:..... No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC, ACGIH, NTP, and OSHA.

SECTION 12 – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Sodium Metasilicate

ECOTOXICITY (Aquatic Toxicity):.... This material has exhibited moderate toxicity to aquatic organisms.

BIODEGRADATION: This material is inorganic and not subject to biodegradation.

PERSISTENCE: This material is believed to persist in the environment.

BIOCONCENTRATION: This material is not expected to bio-concentrate in organisms.

ECOLOGICAL INFORMATION: Dipropylene Glycol Methyl Ether:

ECOTOXICITY (aquatic and terrestrial, where available):

ACUTE FISH TOXICITY: LC50 / 96 hours Fathead Minnow - >10,000 mg/L

TOXICITY TO DAPHNIA: EC50 / 48 hours Water flea - 1,919 mg/L

PERSISTENCE and DEGRADABILITY: No data available

BIOACCUMULATIVE POTENTIAL: ... No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: This product must be disposed of in accordance with Federal, state and local environmental regulations. Discarded materials may be considered hazardous waste due to pH/corrosivity. It is the responsibility of the product user to determine at the time of disposal whether a material containing, or derived from this product, should be classified as a hazardous waste.

SECTION 14 – TRANSPORTATION INFORMATION

DOT/IMDG/ IATA PROPER SHIPPING NAME: Not Hazardous

HAZARD CLASS AND LABEL: Not Applicable.

UN NUMBER: Not Applicable

PACKAGING GROUP: Not Applicable

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EPA REPORTABLE QUANTITY (RQ): Not Applicable.
MARINE POLLUTANT: Not listed.
EMERGENCY RESPONSE GUIDE:..... Not Applicable.

SECTION 15 – REGULATORY INFORMATION

U.N. GHS CLASSIFICATION & LABELING INFORMATION:

CLASSIFICATION: Eye Irritant: Category 2A, Skin Irritant: Category 2, Inhalation Irritant: Category 4.

SIGNAL WORD:..... Warning

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HAZARD PICTOGRAMS:



U.S. FEDERAL REGULATORY INFORMATION:

LISTED CARCINOGEN: Not listed.

TSCA STATUS:..... The ingredients of this product are listed on TSCA inventory (40CFR 710.)

SARA SECTION 302: None

SARA SECTION 312: Acute health hazard.

SARA SECTION 313: Not listed

NFPA HEALTH: 2

NFPA FLAMMABILITY: 0

NFPA REACTIVITY: 0

EUROPEAN UNION REGULATORY INFORMATION:

EC CLASSIFICATION:..... Non Hazardous

DSD/DPD RISK (R) PHRASES: R22: Harmful is swallowed.

R36/38: Irritating to eyes and skin.

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DSD/DPD SAFETY (S) PHRASES:S1/2: Keep locked up and out of reach of children.
S24/25: Avoid contact with eyes and skin.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/S37/39: Wear suitable protective clothing, gloves and eye/face protection.
S45: In case of accidents or if you feel unwell, seek medical advice immediately. Show label where possible.
S61: Avoid release to the environment.
S62: If swallowed, do not induce vomiting.
S64: If swallowed, rinse mouth with water if victim is conscious.

DSD/DPD HAZARD SYMBOL: Exclamation Mark

CANADIAN REGULATORY INFORMATION:

WHMIS CATEGORY:..... Not Classified Hazardous

DOMESTIC SUBSTANCES LIST (DSL): Listed

INGREDIENT DISCLOSURE LIST:..... Listed

SECTION 16 – OTHER INFORMATION

REFERENCES: The information contained herein has been compiled from sources believed to be reliable and accurate to the best of our knowledge at this date. It is provided without warranty, expressed or implied, as to the results of use of this information or to the product to which it relates. Wesmar Co. assumes no responsibility for injury to any person or property resulting from any use of the material. Each user assumes the risk in their use of this product and should review the data and recommendations in the specific context of their intended use.

FOOT NOTES:

IMDG: International Maritime Code for Dangerous Goods
DOT:..... US Department of Transportation
IATA: International Air Transportation Association
ACGIH: American Conference of Governmental Industrial Hygienists
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50:..... Lethal dose, 50 percent
TOST: Target Organ Systemic Toxicity
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