

Safety Data Sheet
Rattler

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Rattler
PRODUCT CODE: 6606
RECOMMENDED USE: Coil Cleaner
RESTRICTIONS ON USE: None known.
COMPANY NAME: QuestSpecialty Corporation
COMPANY ADDRESS: P.O. Box 624, Brenham, TX 77834
COMPANY PHONE: 800-231-0454
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Skin Irritant: Category 2
Eye Irritant: Category 2A

HAZARD STATEMENT(S): WARNING: Causes skin and serious eye irritation.

This product contains the following percentage of chemicals of unknown toxicity: N/A

PRECAUTIONARY STATEMENTS: Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off 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.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
4-Nonylphenol, branched, ethoxylated	127087-87-0	1-5%
Sodium metasilicate	6834-92-0	1-5%
Alcohols, C12-14-secondary, ethoxylated	84133-50-6	0.1-1%
Trisodium phosphate	10101-89-0	0.1-1%
Sodium laureth sulfate	9004-82-4	0.1-1%

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if irritation persists.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists. Never give anything by mouth to an unconscious person.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

SKIN: Product is alkaline. Immediately wash with water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision Causes skin irritation including redness, burning and drying/cracking. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin.

NOTE TO PHYSICIAN: Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

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SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Non-combustible. Water spray may be used to keep fire exposed containers cool.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon and phosphorus, toxic fumes.

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Absorb with non-combustible material like vermiculite, sand or earth. Place waste in proper containers for waste disposal.

WASTE DISPOSAL: Dispose of in accordance with local, state, and federal regulations. Do not reuse container; recycle or place in trash collection. Drums and pails should be offered for recycling.

RCRA STATUS: Waste should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Store in a cool, dry area. Keep containers tightly closed and dry. Do not store near food, drink, or animal food. Wash hands thoroughly after handling.

OTHER PRECAUTIONS: Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

INCOMPATIBILITY: Strong acids and bases, oxidizing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
4-Nonylphenol, branched, ethoxylated	Not Established	Not Established
Sodium metasilicate	5 mg/m ³ (respirable fraction)	Not Established
Alcohols, C12-14-secondary, ethoxylated	Not Established	Not Established
Trisodium phosphate	Not Established	Not Established
Sodium laureth sulfate	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust recommended.

RESPIRATORY PROTECTION: Not required with normal use.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.

ADDITIONAL MEASURES: Do not touch eyes when using this product. Wash hands thoroughly with soap and water after use. If clothing becomes contaminated, immediately remove and wash.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Green liquid.

ODOR: Bland.

ODOR THRESHOLD: N/D

pH: 11.5 - 14.0

MELTING POINT/FREEZING POINT: < 32 °F (0 °C)

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: N/D

EVAPORATION RATE: Slow.

FLAMMABILITY(solid/gas): Not considered a flammable liquid by OSHA (29CFR 1910.1200).

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

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EXPLOSIVE LIMIT LOWER (%): N/D
EXPLOSIVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
RELATIVE DENSITY (H₂O=1): 1.00 - 1.10 @ 77 °F (25 °C).
SOLUBILITY(IES): 100% water.
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: Chemically active metals and acids.
CHEMICAL STABILITY: Stable.
POSSIBLE HAZARDOUS REACTIONS: None known.
CONDITIONS TO AVOID: Elevated temperatures and excessive heat. Avoid incompatibles.
INCOMPATIBLE MATERIALS: Strong acids and bases, oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: 4-Nonylphenol, branched, ethoxylated (127087-87-0): LD₅₀ (Oral) 3314 mg/kg; LD₅₀ (Dermal, Rabbit) > 3000 mg/kg.
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes irritation, burning, redness, tearing.
INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting.
INHALATION: May cause respiratory tract irritation.
SKIN: Causes irritation, redness, itching, and pain.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin and eyes will be aggravated by over exposure.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision Causes skin irritation including redness, burning and drying/cracking. Contact with eyes may cause irritation, redness, tearing. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
CHRONIC HEALTH HAZARDS: Skin disorders, drying and irritation of the skin.
CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: CA Prop 65

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Avoid release to the environment. **Sodium metasilicate (6834-92-0):** LC₅₀ (*Gambusia affinis*) 530 mg/L; LC₅₀ (Water flea, 48h) 113 mg/L.
PERSISTENCE AND DEGRADABILITY: No additional information available.
BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.
MOBILITY IN SOIL: This product is mobile in soil.
OTHER ADVERSE EFFECTS: None known.

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state, and federal regulations. Do not reuse container; recycle or place in trash collection. Drums and pails should be offered for recycling.
RCRA STATUS: Waste should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: For inner packagings not over 5.0 L (1.3 gallon) net capacity each for liquids: Caustic alkali liquid, Ltd. Qty. For inner and other packagings over 5.0 L (1.3 gallons) net capacity each for liquids: Caustic alkali liquid, n.o.s., (Sodium metasilicate).
HAZARD CLASS/DIVISION: 8
UN/NA NUMBER: UN1719

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PACKING GROUP: III

AIR SHIPMENT

PROPER SHIPPING NAME: Caustic alkali liquid, n.o.s., (Sodium metasilicate).

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN1719

PACKING GROUP: III

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Caustic alkali liquid, n.o.s., (Sodium metasilicate)

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN1719

PACKING GROUP: III

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Trisodium phosphate (10101-89-0)
Reportable Quantity: 5000 pounds.

SARA 311/312 HAZARD CATEGORIES: Skin corrosion or irritation. Serious eye damage or eye irritation.

SARA 313 REPORTABLE INGREDIENTS: This product does not contain any chemical components with known CAS numbers that exceed the threshold (*de minimis*) reporting levels established by SARA Title III, Section 313.

CLEAN WATER ACT: None.

STATE REGULATIONS: California Proposition 65: WARNING: This product can expose you to chemicals including 1,4-Dioxane, which is known to the State of California to cause cancer, and Ethylene Oxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. **Poly(oxy-1,2-ethanediyl), α -(4-nonylphenyl)- ω -hydroxy-, branched** (127087-87-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, NJ.

INTERNATIONAL REGULATIONS: No information available.

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

NFPA HEALTH: 1

HMIS HEALTH: 1

NFPA FLAMMABILITY: 0

HMIS FLAMMABILITY: 0

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: B

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Roberto Cerón

DATE PREPARED: 09/20/2013

REVISION DATE: 08/29/2022

N/A = Not Applicable; N/D = Not Determined

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