

Safety Data Sheet
Skidew

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Skidew
PRODUCT CODE: 3500
RECOMMENDED USE: Mildew Stain Remover
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 Corrosive: Category 1
Eye Damage: Category 1
Corrosive to Metals

HAZARD STATEMENT(S): DANGER: Causes severe skin burns and serious eye damage. May be corrosive to metals.

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

PRECAUTIONARY STATEMENTS: Do not breathe mists. Wash hands thoroughly after handling. Wear protective gloves, protective clothing and eye protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. Keep only in original container. Absorb spillage to prevent material damage. Store in a corrosive resistant container with a resistant inner liner.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Sodium hypochlorite	7681-52-9	3-7%
Sodium hydroxide	1310-73-2	1-3%

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. Continue rinsing. Call a physician or poison control center immediately.

INGESTION: Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Seek immediate medical attention. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Never give anything by mouth to an unconscious person.

INHALATION: Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek immediate medical attention. Chemical burns must be treated by a physician.

ACUTE HEALTH HAZARDS: Causes serious damage to eyes. Causes severe burns in contact with skin. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause digestive tract burns.

CHRONIC HEALTH HAZARDS: Sodium hydroxide may produce inflammation of the eyes, skin, and mucous membranes. Prolonged inhalation may be harmful.

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

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SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, and foam.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

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. Avoid contact with skin and breathing smoke, fumes and decomposition products. Cool fire exposed containers with water fog to prevent bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Reacts violently with incompatible materials. Fire or extreme heat may generate increased pressure and cause containers to burst.

HAZARDOUS COMBUSTION PRODUCTS: None known.

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SPILL: Eliminate all sources of ignition. Dike area to contain spill. Dilute spill with large quantities of water and then neutralize with a dilute acid. Flush area with water until clean. Prevent spill from entering sewers, storm drains and natural waterways.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

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

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Keep away from heat, open flames, or other sources of ignition. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Store in a cool, dry area. Do not allow material to contact strong acids, aluminum or other incompatible materials. Replace cap on container after each use. Keep away from children. Wear protective clothing when using. Store locked up.

OTHER PRECAUTIONS: Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warning and precautions listed for the product. 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, strong alkalis, strong oxidizing agents, chemically active metals. Strong reducing agents.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Sodium hypochlorite	Not Established	Not Established
Sodium hydroxide	2 mg/m3	2 mg/m3

ENGINEERING CONTROLS / VENTILATION: Use only in well ventilated areas. Forced ventilation required. Local exhaust preferred to general.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses, gloves, and synthetic apron.

ADDITIONAL MEASURES: Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear light yellow liquid

ODOR: Bleach odor

ODOR THRESHOLD: N/D

pH: 12.4 - 13

MELTING POINT/FREEZING POINT: N/D

INITIAL BOILING POINT AND BOILING RANGE: N/D

FLASH POINT: N/D

EVAPORATION RATE: N/D

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

EXPLOSIVE LIMIT LOWER (%): N/D

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EXPLOISVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): N/D
VAPOR DENSITY (AIR=1): N/D
RELATIVE DENSITY (H2O=1): 1.02 - 1.13 @ 77 °F (25 °C)
SOLUBILITY(IES): 100% water
PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow): 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: Avoid incompatibles. Chlorine liberating material. Do not mix with acids, ammonia or other cleaning compounds.
INCOMPATIBLE MATERIALS: Strong acids, strong alkalis, strong oxidizing agents, chemically active metals. Strong reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine, hydrogen chloride. Oxides of sodium.

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Sodium hydroxide** (1310-73-2): LD₅₀ (Oral, Rabbit) 400 mg/kg. **Sodium hypochlorite** (7681-52-9): LD₅₀ (Oral, Rat) 3-5 mg/kg; LD₅₀ (Dermal, Rabbit) > 2 mg/kg.
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes severe burns, irritation, redness, tearing, pain. May result in loss of sight.
INGESTION: Causes chemical burns, damage to mouth and esophagus with gastrointestinal irritation, nausea, vomiting.
INHALATION: Corrosive! May cause irritation to the upper respiratory tract, coughing, choking, inflammation of the nose, throat, and headache, dizziness, nausea, and difficulty breathing.
SKIN: Causes severe burns. Prolonged contact will destroy tissue.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.
ACUTE HEALTH HAZARDS: Causes serious damage to eyes. Causes severe burns in contact with skin. Inhalation of mist or vapors may cause respiratory irritation. Ingestion may cause digestive tract burns.
CHRONIC HEALTH HAZARDS: Sodium hydroxide may produce inflammation of the eyes, skin, and mucous membranes. Prolonged inhalation may be harmful.
CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: 3 - Not classifiable OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: Toxic to aquatic life with long lasting effects. Avoid release to the environment. **Sodium hypochlorite** (7681-52-9): LC₅₀ (Bluegill sunfish, 96h) 2.9 mg/L; LC₅₀ (*Pimephales promelas*, 96h) 1.4 mg/L; LC₅₀ (Rainbow trout, 0.5h) 0.9 mg/L.
Sodium hydroxide (1310-73-2): LC₅₀ (Bluegill sunfish, 48h) 99 mg/L; LC₅₀ (*Gambusia affinis*, 96h) 125 mg/L; LC₅₀ (Brown shrimp, 48h) 30-100 mg/L; LC₅₀ (Brook trout, 24h) 25 ppm; EC₅₀ (*Ceriodaphnia dubia*, 48h) 34.59 - 47.13 mg/L.
PERSISTENCE AND DEGRADABILITY: Component or components of this product are not biodegradable.
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 federal, state, and local regulations. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.
RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

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SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide and Sodium Hypochlorite)

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3266

PACKING GROUP: III

AIR SHIPMENT

PROPER SHIPPING NAME: For gallon sized containers and smaller: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide and Sodium Hypochlorite), Ltd. Qty.

For containers larger than a gallon: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide and Sodium Hypochlorite)

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3266

PACKING GROUP: III

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Corrosive Liquid, Basic, Inorganic, N.O.S., (Sodium Hydroxide and Sodium Hypochlorite)

HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN 3266

PACKING GROUP: III

ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Sodium hypochlorite (7681-52-9)

Reportable Quantity = 100 pounds. Sodium hydroxide (1310-73-2) Reportable Quantity = 1,000 lbs

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

SARA 313 REPORTABLE INGREDIENTS: None.

CLEAN WATER ACT: None

STATE REGULATIONS: California Proposition 65: This product contains no known chemicals regulated by California Proposition

65. Sodium hydroxide (1310-73-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air

Quality or Air Pollutants lists for the following states: CA, PA, RI. Sodium hypochlorite (7681-52-9): Included on State

Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: PA.

INTERNATIONAL REGULATIONS: No information available.

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

NFPA HEALTH: 2

HMIS HEALTH: 2

NFPA FLAMMABILITY: 0

HMIS FLAMMABILITY: 0

NFPA REACTIVITY: 2

HMIS REACTIVITY: 2

NFPA OTHER: None

HMIS PROTECTION: C

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Roberto Cerón

DATE PREPARED: 11/26/2013

REVISION DATE: 09/13/2021

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

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