

SAFETY DATA SHEET

02/18/2025

1. Product and company identification

Product Name **Reclaim - Whites**

Product Code:

UN/ID No. UN1759 Sodium Hydroxide, Sodium Metasilicate

Recommended use of the chemical

Recommended Use Laundry Reclaim Powder

MANUFACTURED FOR:

Immaculate Solutions Group
13525 Midland Rd.
Poway, CA 92064
888-780-8420

In case of Emergency:
INFOTRAC
1-352-323-3500 (International)
1-800-535-5053 (North American)

2. Hazards identification

Appearance: White

Physical State: Granular Powder Odor: Chlorine

Classification:

Skin corrosion/irritation	Category 1 Sub-category A
Serious eye damage/eye irritation	Category 1

Signal Word: Danger



Pictogram:

Hazard Statement: Causes severe skin burns and eye damage.

Precautionary Statements – Preventions

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements – Response

Immediately call A POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so.
Continue rinsing immediately call a POISON CONTROL or doctor/physician

IF ON SKIN (or hair): Remove/Take off 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

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Rinse mouth. Do not induce vomiting

Precautionary Statements – Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements –Disposal

Disposed of contents/container to an approved waste disposal plant

Other Hazards

Harmful to aquatic life

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
SODIUM HYDROXIDE	1310-73-2	25-30
SODIUM TRIPOLYPHOSPHATE	7758-29-4	10-20
SODIUM METASILICATE	6834-92-0	15-20
TRICHLORO-S-TRIAZINETRIONE, DRY	87-90-1	5-10

4. First aid measures

Eye contact:	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician
Skin contact:	IF ON SKIN (HAIR): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Seek medical attention.
Inhalation:	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.
Ingestion:	Do not induce Vomiting: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Drink large quantities of water without delay. Give large quantities of water or milk. Immediately call a POISON CENTER or doctor/physician.
Note to physician	Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically. Contact poison treatment immediately.

5. Fire-fighting measures

Flash point:	N/A
Flammability of the product:	Non-Flammable / Non-combustible
Extinguishing media:	
Suitable:	In case of fire in surroundings, all extinguishing agents allowed
Special fire fighting procedures:	Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.
Unusual explosion and fire procedures	Noncombustible. Isolate from acids. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions.
Special protective equipment for fire-fighters:	As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions:	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions:	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See section 12, Ecological information. See Section 13, Disposal Considerations, for additional information
Methods for containment	Prevent further leakage or spillage if safe to do so. Dike spill area and cap leaking containers as necessary to prevent further spreading of spilled material. Absorb spilled liquid with suitable material such as dirt or sand.
Methods for clean up	Pick up and transfer to properly labeled containers.

7. Handling and storage

Handling:	Handle in accordance with food industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray.
Storage	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep from freezing.

8. Exposure controls/personal protection

Exposure Guidelines

Chemical name	ACGIH-TLV	OSHA PEL	NIOSH IDLH
Sodium Hydroxide	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³
Sodium metasilicate	2 mg/m ³	2mg/m ³	

Consult local authorities for acceptable exposure limits.

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.

Individual-protection measures, such as personal protective equipment

Eye/Face Protection	Safety glasses with side-shields
Skin and Body Protection	Wear impervious protective clothing, including boots, gloves, lab coats, apron or coveralls, as appropriate to prevent skin contact
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene considerations Remove and wash contaminated clothing before re-use.

9. Physical and chemical properties

Physical state	Granular powder
Flash Point	N/A
Color	White
pH	N/A
Boiling/condensation point	N/A
Specific Gravity	N/A
Vapor pressure	N/A
Solubility in water	Excellent at use concentrations

10. Stability reactivity

Stability	Stable under recommended storage conditions
Possibility of hazardous reactions	None under normal processing
Conditions to avoid	Do not use on aluminum, soft metals, or painted surfaces
Incompatible Materials	Acids, Aluminum, Tin, Zinc, Copper, Nitrocarbons, Halocarbons, Strong Oxidizers
Hazardous Decomposition Products	Hydrogen gas by reaction with incompatible metals

11. Toxicological information

Information on likely routes of exposure

Eye Contact	Causes severe eye damage
Skin Contact	Causes severe skin burns, can cause tissue destruction
Inhalation	Harmful if inhaled, can irritate nose, throat and lungs
Ingestion	Harmful if swallowed, causes severe burns to gastrointestinal tract

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC 50
Sodium Hydroxide 1310-73-2	-	=1350 mg/kg (Rabbit)	-
Sodium metasilicate 6834-92-0	=600 mg/kg (Rat)	-	-
Trichloro-s-triazinetrione 87-90-1	809 mg/kg (Rat)	>2000 mg/kg (Rabbit) >5000 mg/kg (Rat)	>0.09 - <0.29 mg/L (4 hr-Rat)

Toxicological Data on Ingredients:

Sodium tripolyphosphate: ORAL (LD50): Acute: 3900 mg/kg [Rat.]. 3100 mg/kg [Mouse].

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Not classifiable as a human carcinogen.

Numerical Measures of Toxicity-Product

Not determined

12. Ecological information

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea	Toxicity to microorganisms
Sodium Hydroxide 1310-73-2		45.4: 96h Oncorhynchus mykiss mg/L LC50 Static		
Sodium metasilicate 6834-92-0		210: 96 h Brachydanio rerio mg/L LC50 semistatic 210: 96 h Brachydanio rerio mg/L LC50	216: 96 h Daphnia magna mg/L EC50	
Trichloro-s-triazinetrione 87-90-1	This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other water unless in accordance with the requirements of a National Pollutant discharge elimination system (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your local or regional regulatory water boards and/or other appropriate regulatory offices.			

Persistence/Degrability

Not Determined

Biopaccumulation

Not Determined

Mobility

Not Determined

Other Adverse Effects

Not Determined

13. Disposal considerations

Waste disposal:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE/CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

Regulatory Information	UN number	Proper shipping name	Classes	PG*
DOT Classification Corrosive Solid	1759	Sodium Hydroxide, Sodium Metasilicate	8	II

*PG: Packing group

15. Regulatory information

International Inventories

Not determined

US Federal Regulations

This material, as supplied, contains one or more substances regulated as a hazardous substance under the comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Caustic Soda 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Component	CWA –Reportable Quantities	CWA – Toxic Pollutants	CWA –Priority Pollutants	CWA-Hazardous Substances
Sodium Hydroxide 1310-73-2	1000 lb			X

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

16. Other information

HMIS	Health Hazards	Flammability	Reactivity	Personal Protection
	2	0	1	C

 Indicates information that has changed from previously issued version.

Disclaimer

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The

information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet