

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Stop Scale Product #: SCS101 CAS Number: Blend

NuGeneration Technologies, LLC

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1-800-424-9300 or 1-202-483-7616 (CHEMTREC: For emergencies)

2. COMPOSITION/INFORMATION ON INGREDIENTS:

HAZARDOUS AND/OR REGULATED COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
TRISODIUM ETHYLENEDIAMINETETRAACETATE TRIHYDRATE (EDTA)	10.0 %	150-38-9
NONIONIC SURFACTANT (ALCOHOLS, C8-10, ETHOXYLATED PROPOXYLATED)	3.0 %	68603-25-8
WATER	Balance	7732-18-5

COMPOSITION COMMENT: Concentrated product. [Pressure (steam) De-scaling additive]

HAZARDS DISCLOSURE: This product contains known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product contains NO known hazardous materials.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW - DANGER!

Alkaline compound,
May cause skin and eye irritation, rash or burns. Do not get on Skin or in EYES!

HMIS/NFPA Rating:

Health - 1, Flammability - 0, Reactivity - 0 Personal Protection Index - B

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

POTENTIAL HEALTH EFFECTS

EYE: Contact may cause Eye Irritation or burns.

INGESTION: May be harmful if swallowed.

SKIN: Contact may cause skin irritation, Rash, or Burns.

INHALATION: No know inhalation issues in normal industrial use. Inhalation of Vapors or Mist may cause Irritation or burns to nose, throat, and lungs.

SIGNS AND SYMPTOMS OF EXPOSURE: Not expected to be a skin or eye irritant.

CHRONIC EFFECTS: Prolonged/repeated contact may produce mild skin irritation.

CARCINOGENICITY INFORMATION: No known cancer hazards.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID: Flush eyes with plenty of water for at least 15 minutes.

SKIN CONTACT FIRST AID: Wash skin with water and remove contaminated clothing.

INHALATION FIRST AID: No know inhalation issues in normal industrial use.

INGESTION FIRST AID: Get medical attention. Induce vomiting. Give water or Milk.

STATEMENT OF PRACTICAL TREATMENT: Always have plenty of water available for first aid.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Autoignition Temp: None COC Flash Point: None TCC Flash Point: None

FLAMMABLE LIMITS IN AIR: LEL: None; UEL: None EXTINGUISHING MEDIA: Will not burn.

FIRE & EXPLOSION HAZARDS: Incinerating may create toxic decomposition products.

6. ACCIDENTAL RELEASE MEASURES

SPILLS PROCEDURE: Wash to waste treatment system with water. Or for large spills Absorb spill with inert material (dry sand), then place in a chemical waste container.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE Minimum: 4.4C (40F) Maximum: 48.9C (120F)

SHELF LIFE(in original sealed containers): 5 years @ 4.4 C 3 years @ 48.9 C

HANDLING (PERSONNEL): Avoid contact with eyes, skin, and clothing.

STORAGE PRECAUTIONS: Keep from freezing. Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

PERSONAL RESPIRATORS (NIOSH Approved): If the exposure limit is exceeded, a half-face dust/mist respirator may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece dust/mist respirator may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

EYE PROTECTION REQUIREMENTS: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

EYE / FACE / RESPIRATORY PROTECTION REQUIREMENTS: Not required in normal use.

SKIN PROTECTION REQUIREMENTS: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

EXPOSURE GUIDELINES:

None established.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid

ODOR: Mild

SOLUBILITY IN WATER: Complete

BULK DENSITY: 8.9 #/Gal

PH: 10.5

COLOR: Pale Yellow

BOILING POINT: >212 F

SPECIFIC GRAVITY: 1.07 (Water = 1)

MELTING/FREEZING POINT: <35 F

PH @ 1%: 10.0 VOC = ZERO g/l (concentrate)

10. STABILITY AND REACTIVITY

STABILITY: Stable. POLYMERIZATION: Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS: Avoid contact with Strong oxidizer and Acids. Use acid to neutralize.

DECOMPOSITION: Decomposition will not occur if handled and stored properly.

11. TOXICOLOGICAL INFORMATION

Irritant - TRISODIUM ETHYLENEDIAMINETETRAACETATE TRIHYDRATE (EDTA) CAS 150-38-9
 Toxicity data
 ORL-RAT LD50 2150 mg kg-1
 ORL-MUS LD50 2150 mg kg-1
 IPR-MUS LD50 300 mg kg-1

-----\Cancer Lists\-----

Ingredient	---NTP Carcinogen---		IARC Category
	Known	Anticipated	
----- (EDTA) 150-38-9	No	No	None

12. ECOLOGICAL INFORMATION - No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Treat or dispose of waste material in accordance with all local, state, and national requirements.
 CONTAMINATED MATERIALS: Wash contaminated clothing before reuse.
 CONTAINER DISPOSAL: Clean out containers prior to disposal or return.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Stop Scale	PACKAGE CLASS: 55
D.O.T. SHIPPING NAME: N/A	D.O.T. HAZARD CLASS: N/A
UN NUMBER: 1760	D.O.T. LABEL: NOBIN Non-Hazardous
PRODUCT RQ (LBS): N/A	D.O.T. Packing Group: N/A BULK CLASS: N/A

15. REGULATORY INFORMATION

FDA (FOOD AND DRUG ADMINISTRATION): This Product Meets FDA/USDA requirements for cleaning in the food processing industry.
 EEC Symbols and Indications of Danger: NONE
 WHMIS Hazard Symbols: NONE
 Canadian Disclosure List NONE
 SARA Title III - Section 313 NONE
 SC Toxic Air Pollutants List NONE
 CERCLA Hazardous Substances NONE

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS).

16. OTHER INFORMATION

PREPARED BY: Donato Polignone	PRD NUMBER: SCS101 (Official Copy)
APPROVAL DATE: June 5, 2007	SUPERCEDES DATE: April 30, 2004

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

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