


SECTION 1: Identification

Product Name	Soak or Sonic Process Detergent	Item Code	SOAK
Recommended Use	Concentrated biodegradable heavy-duty degreaser for metals.		
Supplier	Next-Gen Supply Group 11 Norfolk Street Mansfield, MA 02048 877-452-6726	Emergency Telephone	
		INFOTRAC: 1-800-535-5053	

SECTION 2: Hazard(s) identification

WARNING 	Hazards not otherwise classified or not covered by GHS		
	None		
Hazard Statement	Hazard Class (GHS Chapter)	Hazard Category	
Harmful if swallowed, in contact with skin or if inhaled	Acute Toxicity oral, dermal and inhalation, (3.1)	Category 4	
Causes skin irritation.	Skin corrosion/irritation(3.2)	Category 2	
May cause long lasting harmful effects to aquatic life.	Hazardous to the aquatic environment, long-term (4.1)	Category 4	

Precautionary Statement

Wash skin/clothing thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.
Wear protective gloves.
If swallowed, rinse mouth. Call a poison center/doctor/medical professional should you feel unwell.
If on skin, wash with plenty of water and soap. Rinse with thoroughly.
If skin irritation occurs, get medical advice/attention.
Remove contaminated clothing and wash before reuse.

SECTION 3: Composition/Information on Ingredients

Chemical identity	Common name, synonyms, etc.	CAS #	%
Benzyl Alcohol	Benzenemethanol	100-51-6	3-5
Monoethanolamine	MEA,2-aminoethanol, ETA,ethanolamine, 2-Aminoethyl alcohol	141-43-5	3-5
Cocamide DEA	Coconut diethanolamide, Cocoamide diethanolamine,	68603-42-9	2-4
Diethanolamine	Bis(2-hydroxyethyl)amine, 2,2-Iminodiethanol	111-42-2	0.5-1.5

SECTION 4: First Aid Measures

If medical advice is needed, have product container or label at hand.

Necessary measures for routes of exposure	IF SWALLOWED: Harmful if swallowed. Rinse mouth. DO NOT induce vomiting. Call Poison Center, 911 or emergency medical service.
	IF ON SKIN: Remove contaminated clothing and wash before reuse. Rinse affected areas with plenty of soap and water or shower. If skin irritation occurs, get medical attention.
	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses, if easy to do. Continue rinsing.

Most important symptoms/effects, acute and delayed.	Acute exposure may cause skin burns/irritation or eye irritation.
Immediate medical attention and special treatment, if necessary	Move victim to fresh air. Immediately call Poison center, 911 or medical aid.

SECTION 5: Fire-fighting Measures

Suitable extinguishing media.	Dry chemical, CO ₂ , alcohol resistant foam or water spray
Specific hazards arising from the chemical	None known.
Special protective equipment and precautions for fire-fighters.	Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Emergency Response Guide Number	153

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.	Keep away from clothing and other combustible materials. Chemically protective gloves, clothing and safety eyewear are recommended.
Environmental precautions.	Prevent entry into waterways, sewers, basements, or confined areas. Collect spillage.
Methods and materials for containment and cleaning up.	Stop leak if you can without risk. Prevent entry into waterways, sewers, basements, or confined areas. Absorb or cover with non-combustible absorbent material and transfer to containers. Collect spillage. Contact a licensed professional waste disposal service to dispose of this material.

SECTION 7: Handling and Storage

Precautions for safe handling.	Do not eat, drink, or smoke in areas where this material is used. After handling, always wash hands thoroughly with soap and water. Wear protective nitrile gloves/protective clothing /safety eyewear/face protection. Use only with adequate ventilation/personal protection. Avoid strong oxidizing agents and metals. Use within 1 year.
Conditions for safe storage, including any incompatibilities.	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Store containers in a cool, dry, ventilated area away from sources of ignition and incompatible materials. Keep containers tightly closed and properly labeled. Store in original containers.

SECTION 8: Exposure Controls/Personal Protection

Component	CAS #	Type	Value	Basis
Ethanolamine	141-43-5	TWA	3ppm	USA, ACGIH Threshold Limit Values, (TLV)
		STEL	6ppm	USA, ACGIH Threshold Limit Values, (TLV)
		TWA	3ppm 8mg/m ³	USA OSHA-Table Z-1 Limits for Air Contaminants – 1910.1000
		STEL	6ppm 15mg/m ³	USA OSHA-Table Z-1 Limits for Air Contaminants – 1910.1000
		TWA	3ppm 8mg/m ³	USA, NIOSH Recommended Exposure Limits
		STEL	6ppm 15mg/m ³	USA, NIOSH Recommended Exposure Limits

Remarks: skin & eye irritation

Diethanolamine	111-42-2	TWA	1mg/m ³	US ACGIH Threshold Values: Skin designation
		TWA	3ppm	USA OSHA- Table Z-1 Limits for Air Contaminants – 1910.1000
		TWA	3ppm	USA NIOSH Recommended Exposure Limits

Remarks: liver damage, kidney damage, confirmed carcinogen with unknown relevance to humans, danger of cutaneous absorption.

Benzyl Alcohol	100-51-6	TWA	10ppm	USA Workplace Environmental Exposure Levels (WEEL)
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Control parameters
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday. Avoid skin and eye contact with this product. Long term exposure could irritate skin and eyes. Collect spillage.

Appropriate engineering controls
Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges.

Individual protection measures
Handle with nitrile gloves which have been inspected prior to use. Safety eyewear is required. Wear long-sleeved clothing.

SECTION 9: Physical and Chemical Properties

Appearance	Clear transparent liquid	Specific Gravity	0.99-1.01
Odor	No fragrance added	Boiling Point	Ca 212°F
Odor threshold	No data available	Solubility in Water	Complete
pH at concentrate	11-13	Evaporation Rate	Slower than water
pH at use dilution	10-11	Volatile Organic Compound	3-5 %

SECTION 10: Stability and Reactivity

Reactivity	No data available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	Avoid heat.
Incompatible materials	Poly vinyl chloride plastic, Mylar
Hazardous decomposition products	With heat mixture may release ammonia.

SECTION 11: Toxicological Information

IARC	Diethanolamine CAS 111-42-2B-Group 2B: Possibly carcinogenic to humans
ACGIH	Diethanolamine CAS 111-42-2 is present at levels greater than or equal to 0.1% and identified as a probable, possible or confirmed human carcinogen by ACGIH
NTP	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by NTP
OSHA	No component of this product is present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by OSHA

Additional Information	<p><u>Benzyl alcohol CAS 100-51-6:</u> RTECS: DN3150000, Central nervous system depression. Liver – Irregularities – Based on Human Evidence</p> <p><u>Monoethanolamine CAS141-43-5:</u> RTECS: KJ5775000, Liver-Irregularities- Based on Human Evidence</p> <p><u>Diethanolamine CAS 111-42-2:</u> RTECS KL2978000 Liver-Irregularities-Based on Human Evidence. A3 Confirmed animal carcinogen with unknown relevance to humans. 2B Possibly carcinogenic to humans. Inadequate data for evidence of carcinogenicity in humans</p> <p><u>Cocoamide DEA CAS 68603-42-9:</u> 2B Possibly carcinogenic to humans. No data for evidence of carcinogenicity in humans.</p>
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SECTION 12: Ecological Information

Monoethanolamine, Diethanolamine and Benzyl Alcohol are toxic to aquatic life. No data is available on the mixture.

SECTION 13: Disposal Considerations

Dispose of contents/container in accordance with local/state/federal and international regulations. Collect spillage. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dispose of contaminated packing as unused product.

SECTION 14: Transport Information

Not US DOT regulated for transport

SECTION 15: Regulatory Information

This mixture does not contain any materials subject to the reporting requirements of SARA Title III, Section 302
Diethanolamine CAS 111-42-3 is subject to the reporting requirements of SARA Title III, Section 313 CERCLA. RQ 100 lbs.

Ethanolamine is a Fire Hazard, Acute Health Hazard, Chronic Health Hazard per SARA 311/312
Benzyl Alcohol is an Acute Health Hazard, Chronic Health Hazard per SRA 311/312.

Ethanolamine CAS 141-43-5 is a NJ, PA, MA Right- to- Know chemical.
Benzyl Alcohol CAS100-51-6 is a NJ, PA, MA Right- to- Know chemical.
Diethanolamine CAS 111-42-2 is a MA, NJ, and PA right-to know chemical.

California Prop. 65: This product contains Cocoamide DEA CAS 68603-42-9 and Diethanolamine CAS 111-42-2 which are known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other Information

Revision prepared 07/15/2016 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.
Previous Version Dated 2/10/2013

DISCLAIMER: Whereas the use and handling of this product is not within the control of Next-Gen Supply Group, it is the responsibility of the user to determine the suitability of the product for its intended application. The user assumes all risk and liability for the safe use of the product, utilizing the information provided in this document as a guide. Next-Gen Supply Group accepts no liability for damages or loss incurred from the misuse and mishandling of this product.