

SAFETY DATA SHEET



Date Prepared : 03/18/2014

SDS No : 1B.04

Date Revised : 06/16/2015

Revision No : 1

Versatile NAB

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Versatile NAB**GENERAL USE:** Bowl Cleaner**PRODUCT CODE:** 1B.04**MANUFACTURER**

Centraz Industries Inc.

4051 BINGHAM AVE

ST. LOUIS, MO 63116

Customer Service: 314-752-7627**EPA REG. NO.:** 47371-97**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (US Transportation & Medical) :** (800) 424-9300

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS**EYES:** No Hazards to be specially mentioned.**SKIN:** Causes skin irritation**INGESTION:** No information Available**INHALATION:** No information Available**ROUTES OF ENTRY:** Eyes, skin, inhalation, ingestion

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
N-alkyl (c12-18)-n,n,-dimethyl-n-benzylammonium Chloride	0.09 - 0.125	68391-01-5
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	0.09 - 0.125	68956-79-6
Water	97.1 - 99.3	7732-18-5

4. FIRST AID MEASURES

EYES: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**SKIN:** After contact with skin, wash immediately with plenty of soap and water. Get medical attention if irritation develops and persists.**INGESTION:** If accidentally swallowed obtain immediate medical attention. Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.**INHALATION:** Move to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Heating or fire can release toxic gas.**EXTINGUISHING MEDIA:** Dry powder, foam, water spray**OTHER CONSIDERATIONS:** Use water spray to cool unopened containers.**FIRE FIGHTING EQUIPMENT:** Wear self contained breathing apparatus and other protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Prevent product from entering drains.

GENERAL PROCEDURES: Sweep up or vacuum up spillage and collect in suitable container for disposal. Do not flush into surface water or sanitary sewer system.

SPECIAL PROTECTIVE EQUIPMENT: Use respirator when performing operations involving potential exposure to vapour of the product.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: KEEP OUT OF REACH OF CHILDREN

HANDLING: Provide sufficient air exchange and/or exhaust in work rooms.

STORAGE: Keep containers closed.

STORAGE TEMPERATURE: 60°C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Contains no substances with occupational exposure limit values.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Tight sealing safety goggles. Face protection shield.

SKIN: Wear suitable gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

RESPIRATORY: In case of vapour formation use a respirator with an approved filter.

PROTECTIVE CLOTHING: Choose body protection according to the amount and concentration of the dangerous substance at the work place. No special protective equipment required.

WORK HYGIENIC PRACTICES: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	103

ODOR: Fresh Floral

APPEARANCE: Clear

COLOR: Blue

pH: 10.8 to 11.8

PERCENT VOLATILE: No information Available

FLASH POINT AND METHOD: 93.4°C (200.1°F)

FLAMMABLE LIMITS: No information Available

AUTOIGNITION TEMPERATURE: No information Available

VAPOR PRESSURE: No information Available

VAPOR DENSITY: No information Available

BOILING POINT: No information Available

FREEZING POINT: No information Available

MELTING POINT: Not yet Determined

POUR POINT: No information Available

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: No information Available

DENSITY: No information Available

SPECIFIC GRAVITY: No information Available

VISCOSITY: No information Available

MOLECULAR WEIGHT: No information Available

(VOC): No information Available

OXIDIZING PROPERTIES: No information Available

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable Under Normal conditions.

CONDITIONS TO AVOID: None known.

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can lead to release of irritating and toxic gases and vapors

INCOMPATIBLE MATERIALS: Strong oxidizing agents, reducing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	500	> 2000

COMMENTS: No information Available

12. ECOLOGICAL INFORMATION

COMMENTS: No information Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION): Not Dangerous Goods

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: This material 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.

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: No Chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

REPORTABLE SPILL QUANTITY: 200 lbs

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
N-alkyl (c12-18)-n,n,-dimethyl-n-benzylammonium Chloride	68391-01-5
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Water	7732-18-5

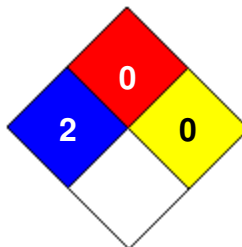
COMMENTS No OSHA Hazards

16. OTHER INFORMATION

Date Revised: 06/16/2015

REVISION SUMMARY: This SDS replaces the 03/18/2014 SDS. Revised: **Section 9:** COLOR. **Section 10:** STABILITY, STABLE.

NFPA CODES



MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.