

SAFETY DATA SHEET

WORKING COPY

Date issued : 03/18/2014

SDS number : 1B.04

Date revised : 07/08/2020

Revision number : 2

Centraz Versatile NAB

1. Identification

Product code: 1B.04**Product identifier:** Centraz Versatile NAB**Relevant identified uses:** Bowl Cleaner**Manufacturer / Supplier**

Centraz Industries Inc.

4051 BINGHAM AVE

ST. LOUIS, MO 63116

Customer Service: 314-752-7627**Emergency telephone number (24 hour)****CHEMTREC (US Transportation & Medical) :** (800) 424-9300**EPA reg. No.:** 47371-97

2. Hazard identification

Potential health effects**Eye:** No Hazards to be specially mentioned.**Skin:** Causes skin irritaion**Ingestion:** No information Available**Inhalation:** No information Available**Routes of entry:** Eyes, skin, inhalation, ingestion

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
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

Eye: 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.**Suitable 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. Use personal protective equipment.

7. Handling and storage

General procedures: KEEP OUT OF REACH OF CHILDREN

Precautions for safe handling: Provide sufficient air exchange and/or exhaust in work rooms.

Conditions for safe storage: Keep containers closed.

Storage temperature: 60°C

8. Exposure controls/personal protection

Appropriate engineering controls: Contains no substances with occupational exposure limit values.

Individual protection measures, such as personal protective equipment

Eye / face protection: Tight sealing safety goggles. Face protection shield.

Skin protection - hand protection: 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 protection: In case of vapour formation use a respirator with an approved filter.

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

Occupational hygiene 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

Appearance: Clear

Color: Blue

Odor: Fresh Floral

pH: 10.8 to 11.8

Melting point: Not yet Determined

Freezing point: No information Available

Initial boiling point and boiling range: No information Available

Flash point: 93.4°C (200.1°F)

Evaporation rate (n-butyl acetate = 1): No information Available

Explosion limit / flammability limit notes: No information Available

Vapor pressure: No information Available

Relative vapor density: No information Available

Density: No information Available

Relative density: No information Available

Solubility: Soluble

Auto-ignition temperature: No information Available

Viscosity: No information Available

Molecular weight: No information Available

Pour point: No information Available

Oxidizing properties: No information Available

Percent volatiles: No information Available

VOC content: No information Available

10. Stability and reactivity

Dangerous polymerization: No

Chemical 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 toxicity

Chemical name	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	500	> 2000

Comments: No information Available

12. Ecological information

Comments: No information Available

13. Disposal considerations

Disposal methods: Dispose of in accordance with federal, state, and local regulations.

14. Transport information

USA Department of Transport Regulations (DOT): Not Dangerous Goods

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

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.

EPCRA Section 302 Extremely Hazardous Substances

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

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Reportable spill quantity: 200 lbs

TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
N-alkyl (c12-18)-n,n,-dimethyl-n-benzylammonium Chloride	68391-01-5
N-alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-79-6
Water	7732-18-5

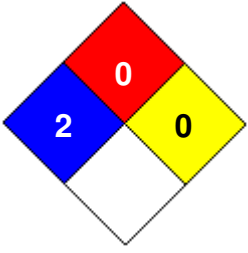
Comments No OSHA Hazards

16. Other information

Date revised: 07/08/2020

Revision summary: This SDS replaces the 06/16/2015 SDS.

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.