



Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name NEXT STEP 4 NEUTRAL CLEANER
Product use Floor Cleaner.
Product code G742
Date of issue 10/24/11 **Supersedes** 12/05/08

Emergency Telephone Numbers

For MSDS Information:
 Technical Services Group
 Telephone (780) 453-8100
 (Business Hours 8:00am - 5:00pm)

For Medical or Transportation Emergency

CANUTEC (24 Hours)
 (613) 996-6666 - Call Collect

Prepared By

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Section 2. Hazards Identification

Emergency overview

CAUTION !

MAY BE HARMFUL IF SWALLOWED.

Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Contains material that can cause target organ damage. Contains material which may cause cancer. Risk of cancer depends on duration and level of exposure. Wash thoroughly after handling.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Eye contact.

Eyes Irritating to eyes. Inflammation of the eye is characterized by redness, watering and itching.

Skin Irritating to skin. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation Harmful by inhalation.

Ingestion Harmful if swallowed.

Chronic effects

Contains material which causes damage to the following organs: kidneys. One of the ingredients in this product has been shown to cause tumors in certain laboratory animals when administered orally at very high dosages. Relevance of these studies or exposure levels which might produce these effects in humans has not been established.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

CAS number

% by Weight

Name of Hazardous Ingredients	CAS number	% by Weight
SODIUM NITRILOTRIACETATE; nta; nitrilotriacetic acid trisodium salt monohydrate	18662-53-8	1 - 5

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin Contact Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

Ingestion If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Closed cup: Not applicable.
Flammable Limits	Not available.
Flammability	Not available.
Auto-ignition Temperature	
Fire-Fighting Procedures	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. In case of fire, use water spray (fog), foam or dry chemical.
Fire hazard	In a fire or if heated, a pressure increase will occur and the container may burst.
Products of Combustion	carbon oxides (CO, CO ₂) and other unidentified organic compounds
Explosion hazard	Not available.

Section 6. Accidental Release Measures

Spill Clean up	Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
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Section 7. Handling and Storage


Handling	Put on appropriate personal protective equipment (see section 8). Do not get in eyes or on skin or clothing. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Wash thoroughly after handling. Do not reuse container.
Storage	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store between the following temperatures: 40°F - 120°F (4.4°C - 49°C). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name	Exposure limits
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No exposure limit value known.

Personal Protective Equipment (PPE)

Eyes	Recommended: Splash goggles.	
Hands and Body	Recommended: For prolonged or repeated handling, use Neoprene gloves. Nitrile gloves. Rubber gloves.	
Respiratory	Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate.	

Section 9. Physical and Chemical Properties

Physical State	Liquid.	Color	Red. Clear.
pH	9.0 - 10.0	Odor	Fresh Clean
Boiling Point	104°C (219.2°F)	Vapor Pressure	Not available.
Specific Gravity	1.02	Vapor Density	Not available.
Solubility	Easily soluble in the following materials: cold water and hot water.	Evaporation Rate	1 (Water = 1)
Freezing Point	0°C	VOC (Consumer)	0.0%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Carcinogenicity Contains material which may cause cancer. Risk of cancer depends on duration and level of exposure. Trisodium nitrilotriacetate: Classified Group 2B, Possible for humans by IARC; Classified Group 2, Reasonably anticipated to be human carcinogens by NTP.

Acute Toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Acetic acid, nitrilotri-, trisodium salt, monohydrate	LD50 Oral	Rat	1450 mg/kg	-

Section 12. Ecological Information

Environmental Effects No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

Waste Stream Not available.

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
TDG Classification	Not regulated.	-	-	-		-
IMDG Class	Not available.	Not available.	Not available.	-		-

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

PG* : Packing group

Section 15. Regulatory Information**Canada**

WHMIS (Canada) Class D-2A: Material causing other toxic effects (Very toxic).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.