


**SECTION 1: Identification**

<b>Product Name</b>	SpeedClean Plus	<b>Item Code</b>	SPEED
<b>Recommended Use</b>	Floor finish cleaner for autoscrubber use.		
<b>Supplier</b>	Next-Gen Supply Group 11 Norfolk Street Mansfield, MA 02048 877-452-6726	<b>Emergency Telephone</b>	
		INFOTRAC: 1-800-535-5053	

**SECTION 2: Hazard(s) identification**

<b>Danger</b> 	<b>Hazards not otherwise classified or not covered by GHS</b>		
	None		
<b>Hazard Statement</b>	<b>Hazard Class (GHS Chapter)</b>	<b>Hazard Category</b>	
Causes skin irritation.	Skin corrosion/irritation(3.2)	2	
Toxic to aquatic life with long lasting effects	Hazardous to the aquatic environment, long-term (Chronic)	Chronic 2	

**Precautionary Statement**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 Keep away from clothing and other combustible materials.  
 After handling, wash face, exposed skin, and clothing.  
 Wear protective gloves, clothing and eyewear.  
 For contact with skin, wash with plenty of soap and water. If irritation occurs, get medical advice.  
 Remove contaminated clothing and wash before reuse.  
 In case of fire, use dry chemical, CO<sub>2</sub>, alcohol resistant foam or water spray to extinguish.  
 Avoid release to the environment. Collect spillage.  
 Dispose of contents/container in accordance with local/state/federal and international regulations. Offer surplus and non-recyclable solutions to a licensed disposal company.

**SECTION 3: Composition/Information on Ingredients**

Chemical identity	Common name, synonyms, etc.	CAS #	%
2-butoxy ethanol	Butyl Cellosolve, Solvent EB, 2-butoxy-1-ethanol, Butyl oxitol, Butyl glycol, Ektasolve EB, Glycol EB, N-Buty oxyethanol. Monobutyl glycol ether, Dowanol EB, Ethylene glycol butyl ether	111-76-2	16-18
Monoethanolamine	MEA, 2-Aminoethanol, ETA	141-43-5	4-6
Ammonium hydroxide	Ammonia aqueous, ammonia water	1336-21-6	1-2

**SECTION 4: First Aid Measures**

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

<b>Necessary measures for routes of exposure</b>	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 irritation occurs get medical advice/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**

<b>Suitable extinguishing media.</b>	Dry chemical, CO <sub>2</sub> , alcohol resistant foam or water spray
<b>Specific hazards arising from the chemical</b>	Move containers from fire area, if you can do it without risk
<b>Special protective equipment and precautions for fire-fighters.</b>	Wear positive pressure, self-contained breathing apparatus (SCBA). Wear chemical protective clothing specifically recommended by the manufacturer. It may provide little or no thermal protection.
<b>Emergency Response Guide Number</b>	Not determined.

**SECTION 6: Accidental Release Measures**

<b>Personal precautions, protective equipment and emergency procedures.</b>	Keep away from clothing and other combustible materials. Chemically protective gloves, clothing and safety eyewear are recommended.
<b>Environmental precautions.</b>	Prevent entry into waterways, sewers, basements or confined areas. Collect spillage.
<b>Methods and materials for containment and cleaning up.</b>	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**

<b>Precautions for safe handling.</b>	Do not eat, drink or smoke in areas where this material is used. After handling, wash hands thoroughly with soap and water. Wear protective nitrile gloves/clothing/eye/face protection. Use only with adequate ventilation/personal protection. Avoid strong oxidizing agents and metals.
<b>Conditions for safe storage, including any incompatibilities.</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Store 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. Do not store in ferrous containers.

**SECTION 8: Exposure Controls/Personal Protection**

Component	CAS #	Type	Value	Basis
2-butoxy ethanol	111-76-2	TWA	20 ppm	USA ACGIH Threshold Limit Values (TLV)
		TWA	5 ppm 24mg/m <sup>3</sup>	USA, NIOSH Recommended Exposure Limits
		TWA	50ppm 240 mg/m <sup>3</sup>	USA, Occupational Exposure Limits (OSHA) Table Z-1 Limits for Air Contaminants
Remarks: Eye, skin and upper respiratory tract irritation, Potential for dermal absorption,				
Monoethanolamine	141-43-5	TWA	3 ppm	USA ACGIH Threshold Limit Values (TLV)
		STEL	6ppm	USA, ACGIH Threshold Limit Values (TLV)
		TWA	3 ppm 6 mg/m <sup>3</sup>	USA, Occupational Exposure Limits (OSHA) Table Z-1 Limits for Air Contaminants
		STEL	3 ppm 6 mg/m <sup>3</sup>	USA, Occupational Exposure Limits (OSHA) Table Z-1 Limits for Air Contaminants
		TWA	3 ppm 8 mg/m <sup>3</sup>	USA, NIOSH Recommended Exposure Limits
		ST	6 ppm 15 mg/m <sup>3</sup>	USA, NIOSH Recommended Exposure Limits
Remarks: Skin and eye irritant.				
Ammonium Hydroxide	1336-21-6	TWA	25ppm	USA ACGIH Threshold Limit Values (TLV)
Remarks: Upper Respiratory Tract Irritation, Eye damage				
		STEL	35ppm	USA, ACGIH Threshold Limit Values (TLV)
		TWA	25ppm	USA, NIOSGH Recommended Exposure Limits
Remarks: Eye, skin and upper respiratory tract irritation, Central Nervous System impairment, Lung damage, Sensitizer varies, Not classifiable as a human carcinogen				
<b>Control parameters</b>	Handle with nitrile gloves. Gloves must be inspected prior to use. Avoid skin contact with this product. Safety goggles are required. Avoid eye contact. Long term exposure could irritate skin and eyes. Collect spillage.			
<b>Appropriate engineering controls</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after the workday.			
<b>Individual protection measures</b>	Provide local ventilation. Respiratory equipment is not required. For nuisance exposures use type OV/AG (US) respiratory cartridges. Wear tightly fitted safety goggles or face shield.			

**SECTION 9: Physical and Chemical Properties**

<b>Appearance</b>	Blue clear liquid	<b>Specific Gravity</b>	0.99-1.01
<b>Odor</b>	Strong fragrant liquid	<b>Boiling Point</b>	Ca 212°
<b>Odor threshold</b>	Not determeined	<b>Solubility in Water</b>	Complete
<b>pH at concentrate</b>	11-12	<b>Evaporation Rate</b>	Similar to water
<b>pH at use dilution</b>	8.5-9.5	<b>Volatile Organic Compound</b>	14.5-17.5%

**SECTION 10: Stability and Reactivity**

<b>Reactivity</b>	No data available.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	No data available.
<b>Incompatible materials</b>	Oxidizers, acids, halogens, light metals, copper, ferrous metals and aluminum.
<b>Hazardous decomposition products</b>	No data available

**SECTION 11: Toxicological Information**

<b>IARC</b>	3-Group 3: not classifiable as to its carcinogenicity to humans (2-Butoxyethanol)
<b>ACGIH</b>	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 ACGIH
<b>NTP</b>	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
<b>OSHA</b>	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

<b>Additional Information</b>	<p><u>2-Butoxyethanol CAS 111-76-2</u>  Acute Toxicity: Oral LD50-rat- 470mg/kg, Inhalation LC50-rat-4h-450ppm, Dermal LD50-rat-4h-450ppm, LD50 Inrapertoneal-rat-220 mg/kg, LD50 intravenous-rat-307mg/kg, Skin corrosion/irritation, Skin-rabbit-Open irritation test, Serious eye damage/eye irritation skin-rabbit-open irritation test, eye-rabbit-moderate eye irritation- 24hr. RTECS: KJ8575000.  Potential health effects: Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Ingestion Harmful if swallowed. Skin Harmful if absorbed through skin. Causes skin irritation. Eyes Causes eye irritation.  Signs and Symptoms of Exposure: Human exposure above 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to cause fragility of erythrocytes and hematuria. Swallowing of 2-butoxyethanol results in a sour taste that turns to a burning sensation and is followed by numbness of the tongue which indicates paralysis of the sensory nerve endings., Central nervous system depression, Headache, narcosis</p>
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**SECTION 11: Toxicological Information (continued)**Monoethanolamine CAS 141-43-5

RTECS:KJ5775000, Liver-Irregularities- Based on Human Evidence

Ammonium Hydroxide CAS 1336-21-6

Acute Toxicity: LD50 Oral-Rat-350 mg/kg. Remarks: Gastrointestinal: Other changes. Liver: Other changes, Kidney, Ureter, Bladder: Other changes. Inhalation: No data available Skin corrosion/irritation, no data available. RTECS: Not available. Burning sensation, cough, wheezing, laryngitis, shortness of breath, spasm, inflammation and edema of the larynx. Inflammation and edema of the bronchi, pneumonitis, pulmonary edema. Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes and skin.

**SECTION 12: Ecological Information**

2- Butoxyethanol and Monoethanolamine 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 ground transport.

**SECTION 15: Regulatory Information**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302

2-Butoxyethanol CAS 111-76-2 is subject to the reporting requirements of SARA Title III, Section 313.

Ammonium Hydroxide CAS 1336-21-6 is subject to the reporting requirements of SARA Title III, Section 313

Potassium Hydroxide CAS 1310-58-3 is subject to reporting requirements of SARA Title III, Section 304 CERCLA, 1000 lbs.

2-Butoxyethanol CAS 111-76-2 and Monoethanolamine CAS 1141-43-5 are SARA 311/312 Hazards, Fire Hazard, Acute Health Hazard, Chronic Health Hazard.

Ammonium Hydroxide CAS 1336-21-6 is a SARA 311/312 Hazard: Acute Health Hazard

Monoethanolamine CAS 141-43-5. NJ, PA, MA Right-to-Know chemical

Potassium Hydroxide CAS 1310-58-3 NJ, PA, MA Right-to-Know chemical

Ammonium Hydroxide CAS 1336-21-6 is a NJ, PA, MA Right-to-Know chemical

California Prop. 65: This product does not contain any chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.

**SECTION 16: Other Information**

Revision prepared 12/27/2016 by Gene Ricciardelli in accordance with OSHA 29 CFR 1910.1200, for USA use only.

Previous Version Dated 01/20/2015

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.