





Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

	WHMIS Class D-2B: Material causing other toxic effects (TOXIC).	HCS Class: Irritating substance.
WHMIS (Pictograms)	WHMIS (Classification)	HCS

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	Speedex Concentrate (At Dilution)	Code	5 2 8 (A t Dilution)
Synonym	Floor Cleaner	CAS #	Mixture.
Chemical Family	Not available.	Validation Date	12/12/2006
Chemical Formula	Not applicable.	Print Date	12/12/2006
Manufacturer/ Supplier	Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (800) 333-2156	In Case of Emergency	CHEMTREC (800) 424-9300
TSCA	TSCA Inventory: All components listed or are exempt from listing.		
DSL/ NDSL	All components listed unless noted elsewhere on this MSDS		
		Protective Clothing 	

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Monoethanolamine 2-Butoxyethanol	141-43-5 111-76-2	<1 <1	Not available. ACGIH (United States). TWA: 20 ppm OSHA (United States). TWA: 50 ppm	Not available. ORAL (LD ₅₀): Acute: 1746 mg/kg [Rat].

Section 3. Hazards Identification

Potential Acute Health Effects	Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of ingestion, .
Potential Chronic Health Effects	May aggravate existing skin conditions. May aggravate existing respiratory conditions.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention.
Skin Contact	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
Ingestion	SEEK IMMEDIATE MEDICAL ATTENTION Do not induce vomiting.unless instructed to do so by medical personnel

Section 5. Fire Fighting Measures

Products of Combustion These products are carbon oxides (CO, CO₂).

Fire Fighting Media and Instructions SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards Not available.

Special Remarks on Explosion Hazards Not available.

Section 6. Accidental Release Measures

Small Spill and Leak Absorb with an inert material and place in an appropriate waste disposal container.

Large Spill and Leak Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Personal Protection in Case of a Large Spill Boots. Gloves. Splash goggles.

Section 7. Handling and Storage

Precautions After handling, always wash hands thoroughly with soap and water. Avoid breathing vapors or spray mists.

Incompatibility Not available.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

Personal Protection

Eyes Safety glasses.

Body No special protective clothing is required.

Respiratory A respirator is not needed under normal and intended conditions of product use.

Hands Gloves: Protective gloves should be worn under normal conditions of use.

Protective Clothing (Pictograms)



Exposure Limits Not available.

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid.

Odor Characteristic.

Molecular Weight Not applicable.

Taste Not available.

pH 10 to 11 [Basic.]

Color Green.

Boiling/Condensation Point 100°C (212°F)

Melting/Freezing Point May start to solidify at 0°C (32°F) based on data for: Water.

Critical Temperature Not available.

Instability Temperature Not available.

Specific Gravity 1 (Water = 1)

Vapor Pressure	The highest known value is 0.001 kPa (0.01 mm Hg) (at 20°C) (nonylphenol polyethylene glycol ether).
Vapor Density	The highest known value is >1 (Air = 1) (nonylphenol polyethylene glycol ether).
Volatility	>95% (w/w).
VOC	<0.1%
Evaporation Rate	<1 compared to Butyl acetate.
Dispersion Properties	See solubility in water, methanol, acetone.
Solubility	Easily soluble in methanol, acetone. Partially soluble in cold water, hot water.
The Product is:	Non-flammable.
Auto-ignition Temperature	Not available.
Flash Points	Closed cup: >98.889°C (210°F).
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Not available.

Section 10. Stability and Reactivity Data	
Stability	The product is stable.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	Not available.

Section 11. Toxicological Information	
Routes of Entry	Dermal contact. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Acute Effects on Humans	
	<i>Eyes</i> Irritating to eyes.
	<i>Skin</i> Irritating to skin.
	<i>Inhalation</i> Not available.
	<i>Ingestion</i> May cause nausea, vomiting. .
Chronic Effects on Humans	May aggravate existing skin conditions. May aggravate existing respiratory conditions.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	These products are carbon oxides (CO, CO ₂) and water.
Toxicity of the Products of Biodegradation	
Special Remarks on the Products of Biodegradation	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

Section 14. Transport Information

DOT (U.S.A)
(Pictograms)



TDG Classification

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PIN UN, Proper Shipping Name, PG Not applicable.

Maritime Transportation Not available.

Special Provisions for Transport Not available.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification) WHMIS Class D-2B: Material causing other toxic effects (TOXIC).



Regulatory Lists No products were found.

Other Regulations OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications

HCS (U.S.A.)

HCS Class: Irritating substance.

USA Regulatory Lists

This product does not contain chemicals at levels reportable under California Prop 65
Massachusetts RTK: Ethylene Oxide ; Formaldehyde

DSD (EEC)

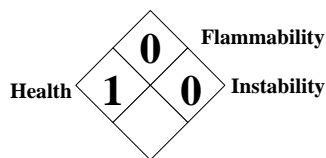
International Regulations Lists

No products were found.

**Hazardous Material
Information System
(U.S.A.)**

Health	1
Flammability	0
Physical Hazard	0

**National Fire
Protection
Association
(U.S.A.)**



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Validated by CRushton on 12/12/2006.

Verified by CRushton.

Printed 12/12/2006.

Information Contact **COMPANY NAME**
COMPANY ADDRESS
EMERGENCY PHONE

Notice to Read:

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.

Validated on 12/12/2006.

Speedex Concentrate (At Dilution)

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