



This MSDS is prepared in accordance with OSHA 1910.1200, Canadian WHMIS, and ANSI .

 WHMIS (Pictograms)	WHMIS Class D-2B: Material causing other toxic effects (TOXIC). WHMIS Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). WHMIS (Classification)	Irritating material Combustible liquid HCS
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Section 1. Chemical Product and Company Identification

Product Name/ Trade name I.F.T. Intensive Floor Treatment	Code B1111
Synonym Floor Cleaner	CAS # Mixture.
Chemical Family Not available.	Validation Date 10/16/2008
Chemical Formula Not applicable.	Print Date 10/16/2008
Manufacturer/ Supplier Basic Coatings 1001 Brown Avenue Toledo, Ohio (800) 247-5471	In Case of Emergency CHEMTREC (800) 424-9300
TSCA TSCA Inventory: All components listed or are exempt from listing.	Protective Clothing 
DSL/ NDSL All components listed unless noted elsewhere on this MSDS	

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
2-Butoxyethanol	111-76-2	5 - 10	ACGIH (United States). TWA: 20 ppm OSHA (United States). TWA: 50 ppm	ORAL (LD50): Acute: 1746 mg/kg [Rat].
Isopropyl Alcohol	67-63-0	1 - 5	OSHA (United States). TWA: 400 ppm	ORAL (LD50): Acute: 16971 mg/kg [Rat].
Sodium Carbonate	497-19-8	1 - 5	Not available.	Not available.
Sodium Xylene Sulfonate	1300-72-7	1 - 5	Not available.	ORAL (LD50): Acute: 650 mg/kg [Rat]. 5939 mg/kg [Mouse].

Section 3. Hazards Identification

Potential Acute Health Effects	Hazardous in case of ingestion. Slightly hazardous in case of skin contact (permeator).
Potential Chronic Health Effects	May aggravate existing respiratory conditions. May aggravate existing skin conditions. Repeated or prolonged exposure to the substance can produce blood disorders. This information is based on animal data. Specific relevance to humans has not been determined.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

Eye Contact	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Cold water may be used. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration., preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.
Ingestion	Call a poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do NOT induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Products of Combustion	Not available.
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	Dilute with water and mop up, or absorb with an inert dry 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	Splash goggles. Gloves. Boots. Wear long sleeves and other protective clothing to prevent repeated or prolonged skin contact. Wear appropriate respirator when ventilation is inadequate.

Section 7. Handling and Storage

Precautions	Keep away from heat. Keep away from sources of ignition. Do not breathe gas/fumes/vapor/spray. Wear suitable protective clothing. Do not ingest. If ingested, seek medical advice immediately and show the container or the label.
Incompatibility	acids alkalis
Storage	Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.
Personal Protection	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	Long Sleeves and pants to avoid skin contact.
<i>Respiratory</i>	Wear appropriate respirator when ventilation is inadequate.
<i>Hands</i>	Impervious gloves.
Protective Clothing (Pictograms)	
Exposure Limits	See Section 2 For Applicable Exposure Limits

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.	Odor	Characteristic.
Molecular Weight	Not applicable.	Taste	Not available.
pH	11.5 [Basic.]	Color	Purple.
Boiling/Condensation Point	The lowest known value is 100°C (212°F) (Water).		
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	1.006 (Water = 1)		
Vapor Pressure	Not available.		
Vapor Density	>1 (Air = 1)		
Volatility	Not available.		
VOC	2% By Weight		
Evaporation Rate	<1 compared to Butyl acetate.		
Dispersion Properties	See solubility in water, methanol, acetone.		
Solubility	Easily soluble in methanol, acetone. Soluble in cold water, hot water.		
The Product is:	COMBUSTIBLE.		
Auto-ignition Temperature	Not available.		
Flash Points	Closed cup: 42.222°C (108°F). (Tagliabue.)		
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	acids alkalis
Hazardous Decomposition Products	Not available.

Section 11. Toxicological Information

Routes of Entry	Dermal contact. Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 1746 mg/kg [Rat]. (2-Butoxyethanol). Acute toxicity of the gas (LC50): 700 ppm 7 hour(s) [Mouse]. (2-Butoxyethanol).
Acute Effects on Humans	<i>Eyes</i> Irritating to eyes. <i>Skin</i> Irritating to skin. permeator <i>Inhalation</i> May cause, headache, dizziness, and nausea <i>Ingestion</i> Harmful if swallowed.
Chronic Effects on Humans	May aggravate existing respiratory conditions. May aggravate existing skin conditions. Repeated or prolonged exposure to the substance can produce blood disorders. This information is based on animal data. Specific relevance to humans has not been determined.
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	Not available.
Toxicity of the Products of Biodegradation	Not available.
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 Shipping name: Flammable liquid, n.o.s. UNNA: 1993 PG: III

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).
WHMIS Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).



Regulatory Lists No products were found.

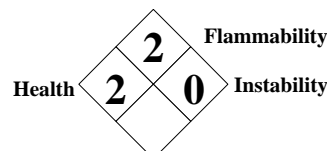
Other Regulations OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications	HCS (U.S.A.)	Irritating material Combustible liquid
	USA Regulatory Lists	SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Isopropyl Alcohol: Fire hazard; 2-Butoxyethanol: Immediate (Acute) Health Hazard, Delayed (Chronic) Health Hazard SARA 313 toxic chemical notification and release reporting: 2-Butoxyethanol 6%%
	DSD (EEC)	This product is not classified according to the EU regulations.
	International Regulations Lists	No products were found.

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

Health	*	2
Flammability		2
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. **Specific Hazard**

Section 16. Other Information

Validated by LMorsch on 10/16/2008.

Verified by LMorsch.

Printed 10/16/2008.

Information Contact Basic Coatings
1001 Brown Avenue
Toledo, Ohio
(800) 247-5471

Notice to Reader:

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