

Safety Data Sheet

FB Self Tanning Liquid - Darker Flawless

Section 1- Product and Company Information

Product Name: FB Self Tanning Liquid - Darker Flawless Product Code: A-125

Trade Name: FB Self Tanning Liquid - Darker Flawless

Manufactured By

Chemtrec

United 1 International Laboratories
1541 Champion Dr.
Carrollton, TX 75006

Domestic Number: 800-424-9300

International Number: 703-527-3887

Section 2 - Hazards Identification

GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Oral Toxicity	Acute Tox. 3	Oral $>50+\leq 300\text{mg/kg}$
Eye corrosive	2B	Mild eye irritant: Subcategory 2B, Reversible in 7 days

GHS Hazards

H226	Flammable liquid and vapor
H301	Toxic if swallowed
H320	Causes eye irritation

GHS Precautions

P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233	Keep container tightly closed
P240	Ground/bond container and receiving equipment
P241	Use explosion-proof electrical/ventilating/light/.../equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P264	Wash ... thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment (see ... on this label)
P330	Rinse mouth
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P337+P313	If eye irritation persists, get medical advice/attention
P370+P378	In case of fire: Use ... for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container in accordance with local regulations

Signal Word: Danger



According to the classification criteria of the EU, This product is not considered as being an acutely toxic chemical.

According to the classification criteria of the EU, This product is not considered as being an irritant.

If contact does occur, This product may cause the following effects.

May cause mild eye irritation. If product is heated or mists are formed, inhalation may cause irritation to the nose throat and respiratory tract. Causes brown discoloration of the skin.

Section 3 - Composition/Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Dimethyl Isosorbide (DMI)	5306-85-4	1.00% - 5.00%
Propylene Glycol	57-55-6	0.10% - 1.00%
Ethanol SDA 40-B 200 Proof/SD Alcohol	64-17-5	10.00% - 20.00%

Section 4 - First Aid Measures

If breathed in, move person into fresh air. Consult a physician after significant exposure.

Avoid getting in the eyes. In case of contact with eyes flush with water for 15 minutes. Consult a physician for severe cases.

Product should not be an irritant; however, should skin become irritated, wash with soap and water. Discontinue use.

For external use only. Do not induce vomiting. Never give anything by mouth to an unconscious person. When symptoms or in all cases of doubt seek medical advice. If ingested, contact a physician. Keep out of reach of children.

Treat symptomatically.

Mild eye irritant. If heated or mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract. Inhaling high concentrations may cause central nervous system depression, with effects ranging from dizziness and headache to unconsciousness. Ingestion may cause irritation of the mouth, throat and stomach. Causes brown discoloration of the skin.

Section 5 - Fire Fighting Measures

Flash Point: 35 C (95 F)

LEL: 2.00

UEL: 17.00

Flammable Limits: N/A

Extinguishing Media: Dry chemical, Water Spray, Foam, Carbon Dioxide, or Fog Spray

Unusual Fire/ Expl Hazards: None cited

Hazard Combustible Products: Extremely flammable. Container may explode if heated. Closed containers are contained under pressure and may explode to excess heat for a prolonged period of time. Burning produced obnoxious and toxic fumes. In the event of fire the following can be released: Carbon oxides; Acrolein; Sulphur oxides; nitrogen oxides (NOx); Other unidentified organic compounds.

Fire Fighting: Wear self-contained breathing apparatus and protective suit. Fight fire with normal precautions from a reasonable distance. Shield personnel to protect from venting or rupturing containers.

Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water course. Dike for water control.

Fire Equipment: N/A

Section 6 - Accidental Release Measures

Personal Precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep Unnecessary and unprotected personnel from entering, Do not touch or walk through spilled material. Avoid breathing vapor mist. Provided adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on personal protective equipment (See Section 8).

Environmental Precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities of the product have caused environmental pollution (sewers, waterways, soil or air).

Stop leak if without risk. Move containers from spill area. Remove all sources of ignition. Ventilate the area. Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material (e.g. sand, silica, gel acid binder, universal binder, sawdust). Dispose of via a licensed waste disposal contractor.

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillages into an effluent treatment or proceed as follows. Contain and collect spillage with non-combustible, absorbent materials, sand, earth, vermiculite or diatomaceous earth and place in a container for disposal according to local regulations. Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 emergency contact information. Contaminated absorbent material may pose the same hazard as the spilled product.

Note: See Section 1 for emergency contact information.

Section 7 - Handling and Storage

Non Hazardous - Use normal non hazardous handling and storage procedures. Put on appropriate personal protective equipment. (see section 8). Eating drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers Should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. use only in adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue can be hazardous. Do not reuse container.

Store in accordance with local regulations. Keep out of reach of children Store in original container protected from direct sunlight in a dry cool and well-ventilated area, away from incompatible materials, food and drink. 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. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

N/A

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Dimethyl Isosorbide (DMI) 5306-85-4	None Known	None Known	None Known
Propylene Glycol 57-55-6	410 mg/m ³ (TWA)	50 ppm (TWA) 100 ppm (STEL)	Not Established
Ethanol SDA 40-B 200 Proof/SD Alcohol 64-17-5	PEL 1000.000 ppm - TWA VPEL 1000.000 ppm - TWA	TLV 1000.000 ppm - TWA	Not Established

Wash hand, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirement of the environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Respiratory: Use a properly fitted, air-purifying or supplied-air respirator complying with an approved standard if a risk assessment indicated this is necessary. Respirator selection must be based on a known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicated this is necessary.

Eyes: Safety eye wear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mist or dust. Recommended: Splash Goggles.

Skin: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal conditions

<p>Appearance: Dark Brown Liquid</p> <p>Vapor Pressure: No information available</p> <p>Vapor Density: No information available</p>	<p>Odor: Coconut</p> <p>Odor threshold: No information available</p> <p>pH: 3.80</p> <p>Density: 0.98</p>
--	---

<p>Melting point: No information available</p> <p>Solubility: Dispersible in water</p> <p>Flash point: No information available</p> <p>Flammability: No information available</p> <p>Partition coefficient (n-octanol/water): No information available</p> <p>Decomposition temperature: No information available</p> <p>Grams VOC less water: No information available</p>	<p>Freezing point: No information available</p> <p>Boiling range: No information available</p> <p>Evaporation rate: No information available</p> <p>Explosive Limits: No information available</p> <p>Autoignition temperature: No information available</p> <p>Viscosity: No information available</p>
--	---

Section 10 - Stability and Reactivity

Stable under normal conditions
 STABLE

Component of this mixture are non hazardous and non reactive to other materials. Under normal conditions of storage and use, hazardous reactions will not occur

Under normal conditions of storage and use, hazardous decomposition products should not be produced

Hazardous polymerization will not occur.

Section 11 - Toxicology Information

Mixture Toxicity
 Oral Toxicity LD50: 58mg/kg

Component Toxicity
 64-17-5 Ethanol SDA 40-B 200 Proof/SD Alcohol
 Oral LD50: 1,400 mg/kg (Human)

Toxicology Information: No data found/ No component listed on (NTP), (IARC) or OSHA database.

Avoid getting in eyes.

Inhalation	Skin Contact	Eye Contact	Ingestion
None			
Eyes	Central Nervous System	Skin	

Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
-------------------	--------------------	-----------------	--------------------------

Section 12 - Ecology Information

Ecology Information: No data found

Component Ecotoxicity

Propylene Glycol

The acute toxicity of Propane-1,2-diol is (IUCLID)

Toxicity to fish - LC50/96h/ Fathead minnows = 54,000mg/L

Toxicity to daphnia- LC50/48h/ daphnia = 34,400 mg/L

Ethanol SDA 40-B 200 Proof/SD
Alcohol

Toxicity to fish - LC50/96h/ Fathead minnows = 14,200mg/L

Toxicity to daphnia- LC50/48h/ daphnia = 9268 - 14,221 mg/L

Section 13 - Disposal Considerations

As the US, EPA, state, regional, and other regulatory agencies may have jurisdiction over the disposal of your facility's hazardous waste, it is incumbent upon you, the hazardous waste generator to learn and satisfy the requirements that affect you.

Section 14 - Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
Air ICAO	Flammable Liquid	UN1993	III	3
	Review all applicable state and operator variations prior to shipping this material			
Land RID	Flammable Liquid	UN1993	III	3
	This product may be shipped as "Limited Quantity" when inner packaging do not exceeded 1 liter combinations packaging must be used and the maximum gross weight of the package must not exceed 30 kg. Refer to the ADR Chapter 3.4 for additional shipping requirements			
SEA	Flammable Liquid	UN1993	III	3
	This product may be shipped as "Limited Quantity" when inner packaging do not exceeded 1 liter combinations packaging must be used and the maximum gross weight of the package must not exceed 30 kg. Refer to the ADR Chapter 3.4 for additional shipping requirements			

Section 15 - Regulatory Information

HCS Classification: Non hazardous, non regulated

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
----------------	-------------------	------------------------------



EU Risk Phrases

R2: Risk of explosion by shock, friction, fire or other sources of ignition
R10: Flammable
R36: Irritating to eyes

Safety Phrase

S23: Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer)
S25: Avoid contact with eyes

TSCA 8(a) IUR Exempt/partial exemption: Not Determined
United States inventory (TSCA 8b): All components are listed or exempted.

- None

SARA 302/304/311/312 extremely hazardous substances: No products were found

SARA 302/304 emergency planning and notification: No products were found

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution- chemical inventory - hazard identification: No products were found.

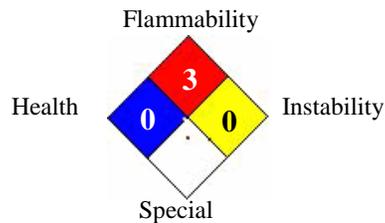
Section 16 - Other Information

Hazardous Material Information System (HMIS)

HEALTH	0
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

HMIS & NFPA Hazard Rating Legend
 * = Chronic Health Hazard
 0 = INSIGNIFICANT
 1 = SLIGHT
 2 = MODERATE
 3 = HIGH

National Fire Protection Association (NFPA)



NON WARRANTY - The information presented in this publication is based upon the research and experience of the issuing party. No representation or warranty is made concerning the accuracy or completeness of the information presented in this publication. The party issuing this information makes no warranty or representation of any kind, express or implied, including without limitation any warranty of merchantability or fitness for any particular purpose, and no warranty or representation shall be implied by law or otherwise. Any products sold by the issuing party are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose particular to the buyer is for the buyer to determine. The issuing party shall in no event be liable for any special, incidental, or consequential damages

Reviewer Revision

Date Prepared: 1/25/2016