

Material Safety Data Sheet



PRODUCT NAME: SHARON BIOMIX FREE II

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: SHARON BIOMIX FREE II
DATE: January 17, 2014

DISTRIBUTOR: ACME-HARDESTY COMPANY
ADDRESS: 450 Sentry Parkway
Blue Bell, PA 19422

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COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION: Certified Organic Citrus Extract in 3-Phenyl-1-propanol

RELEVANT IDENTIFIED USES: Cosmetics, personal care products

DANGEROUS SUBSTANCE	CAS#	RANGE (%)	SYMBOL / R PHRASE	
3-Phenyl-1-propanol	122-97-4	80-90 %	-	-
Glycerol [EC No 200-289-5]	56-81-5	5-10 %	-	-

NOTE: This product is approved for “**FDA (COSMETIC) USE ONLY**”. Any commercial TSCA use is strictly prohibited and Acme-Hardesty Co. will not support downstream users/uses of TSCA purposes for this material.

HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE:

CLASSIFICATION ACCORDING TO REGULATION (EC) No. 1272/2008 Classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

CLASSIFICATION ACCORDING TO DIRECTIVE 67/548/EEC / 1999/45/ EEC This preparation is not classified as dangerous according to 1999/45/EC

LABEL ELEMENTS: According to EC directives or the corresponding national regulations the product does not have to be labeled.
Not classified.
Please observe the information on the safety data sheet at all times.

HAZARD PRECAUTIONS: This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

FIRST AID MEASURES

GENERAL INFORMATION:	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
INHALATION:	Move victim to fresh air. Put victim at rest and keep warm. In case of breathing difficulties administer oxygen. In case of respiratory tract irritation, consult a physician.
SKIN CONTACT:	After contact with skin, wash immediately with plenty of water and soap. Remove and wash contaminated clothing before re-use. If skin irritation occurs: Get medical advice/attention.
EYE CONTACT:	In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.
INGESTION:	Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. In case of swallowing, get doctor immediately.
ACUTE/DELAYED SYMPTOMS:	The most important known symptoms and effects are described in the labeling (see HAZARDS IDENTIFICATION section) and/or in TOXICOLOGICAL INFORMATION Further important symptoms and effects are so far not known.
ADVICE TO DOCTOR/TREATMENT:	First Aid, decontamination, treatment of symptoms.

FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide (CO ₂). Extinguishing powder Alcohol resistant foam Water spray jet
NON- SUITABLE EXTINGUISHING MEDIA:	High power water jet for safety reasons
SPECIAL EXPOSURE HAZARDS:	Thermal decomposition can lead to the escape of irritating gases and vapors. Hazardous decomposition products: carbon dioxide, carbon monoxide. Inhaling hazardous decomposing products can cause serious health damage.
SPECIAL PROTECTIVE EQUIPMENT:	Self-contained breathing apparatus Chemical protective clothing
ADDITIONAL INFORMATION:	Keep people away and stay on the upwind of spill/leak. Cool closed containers that are near the source of the fire. Remove product from area of fire. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat run-off as hazardous. Due to gaseous decomposition products, overpressure can occur in tightly sealed containers.

ACCIDENTAL RELEASE MEASURES

PERSONAL SAFETY PRECAUTIONS:	Avoid contact with skin, eyes and clothes. Avoid breathing dust/fumes/gas/mist/vapors/spray. Wear personal protection equipment. Personal protective equipment: refer to PERSONAL PROTECTION.
ENVIRONMENTAL PROTECTION MEASURES:	Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Retain contaminated washing water and dispose it.
CONTAINMENT/CLEAN-UP MEASURES:	Measures to prevent aerosol and dust generation Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal. Dispose of waste according to applicable legislation.
REFERENCE TO OTHER SECTIONS:	See protective measures under HANDLING AND STORAGE and EXPOSURE CONTROLS AND PERSONAL PROTECTION

HANDLING AND STORAGE

SAFE HANDLING ADVICE:	Avoid the formation of aerosol. Provide sufficient ventilation and local exhaust at critical locations. Avoid contact with skin and eyes.
FIRE AND EXPLOSION PROTECTION:	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Use measures for fire prevention.
STORAGE ROOMS/VESSELS REQUIREMENTS:	Keep container tightly closed in a cool, well-ventilated place. Protect against direct sunlight.
STORAGE COMPATIBILITY:	Do not store together with: strong acid, strong alkali, oxidizing agents
ADDITIONAL STORAGE CONDITIONS INFO:	Keep container in a cool, well-ventilated place. Keep away from highly flammable substances. Keep container tightly closed and dry. Keep away from sources of ignition.
SPECIFIC END USES:	Cosmetics, personal care products

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EXPOSURE CONTROLS / PERSONAL PROTECTION

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CONTROL PARAMETERS:

Glycerol
Great Britain

LONG-TERM EXPOSURE VALUE/PPM	10
REMARKS	Mist
SOURCE	EH40/200 Workplace exposure limits (October 2007)

RESPIRATORY PROTECTION:

In case of inadequate ventilation wear respiratory protection.
Wear breathing apparatus if exposed to vapors/dusts/aerosols.
Suitable respiratory equipment: Gas filtering device (DIN EN 141) Filter type A.

HAND PROTECTION:

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Breakthrough times and swelling properties of the material must be taken into consideration.
For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

EYE PROTECTION:

Wear eye glasses with side protection according to EN 166

SKIN PROTECTION:

Wear suitable protective clothing, gloves and eye/face protection

GENERAL PROTECTIVE MEASURES:

When using, do not eat, drink or smoke
Separate storage of work clothes
Wash contaminated clothing prior to re-use
Wash hands and face before breaks and after work and take a shower if necessary
Protect skin by using skin protective cream before starting work

ENGINEERING MEASURES:

Provide good ventilation.
Handle substance within a predominantly closed system provided with extract ventilation.

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PHYSICAL AND CHEMICAL PROPERTIES

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FORM:	Liquid
COLOR:	Yellow (clear)
ODOR:	Characteristic
ODOR THRESHOLD:	No data available
pH:	2.2 < pH < 4.0
Remarks:	In aqueous solution, 10%
MELTING POINT:	-18°C
Remarks:	Data apply to the main component
BOILING POINT:	235°C
Pressure:	760 mm Hg
Remarks:	Data apply to main component.
FLASH POINT:	109°C
Remarks:	Data apply to the main component
EVAPORATION RATE [kg/s*m ²]	No data available
FLAMMABILITY:	No data available
EXPLOSION LIMITS [Vol-%]:	No data available
RISK OF EXPLOSION:	No data available
VAPOR PRESSURE [kPa]:	0.5 hPa
Temperature:	20°C
Remarks:	Data apply to the main component
DENSITY [g/cm ³]:	0.925 - 1.130
Temperature:	20°C
WATER SOLUBILITY [g/l]:	Practically insoluble
Remarks:	Data apply to the main component
PARTITION COEFFICIENT N-OCTANOL / WATER (log PO/W):	1.88
Remarks:	Literature value, Data apply to the main component
AUTOIGNITION TEMPERATURE:	430°C
Remarks:	Data apply to the main component
DECOMPOSITION TEMPERATURE:	No data available
VISCOSITY, DYNAMIC [kg/(m*s ²):	20 mPa.s
Temperature:	20°C
Remarks:	Data apply to the main component
OXIDATION:	No data available
RELATIVE VAPOR DENSITY (air = 1):	4.69
Remarks:	Data apply to the main component

STABILITY AND REACTIVITY

REACTIVITY: The product is stable if stored and handled as prescribed/indicated.
 CHEMICAL STABILITY: The product is stable if stored and handled as prescribed/indicated.
 POSSIBILITY OF HAZARDOUS REACTIONS: No hazards to be specially mentioned.
 CONDITIONS TO AVOID: Due to gaseous decomposition products, overpressure can occur in tightly sealed containers.
 Keep away from heat sources, sparks and open flames.
 INCOMPATIBLE MATERIALS: Keep away from strongly acidic and alkaline materials as well as oxidizers.
 HAZARDOUS DECOMPOSITION PRODUCTS: Hazardous decomposition byproducts may form with exposure to high temperatures.
 Carbon dioxide, carbon monoxide

TOXICOLOGICAL INFORMATION

	Value	Test Species	Remarks
Oral Toxicity, mg/kg	LD ₅₀ : 2300 mg/kg	Rat	Data apply to the main component.
	Virtually nontoxic after a single ingestion		The statement is derived from the properties of the single components.
Dermal Toxicity, mg/kg	LD ₅₀ : 5000 mg/kg	Rabbit	Data apply to the main component.
	Virtually nontoxic after a single skin contact.		The statement is derived from the properties of the single components.
Inhalative Toxicity, mg/l	No data available		No data available

	Value	Measuring Method	Test Species	Exposure Duration	Remarks
Irritant Effect on Skin	slightly irritant but not relevant for classification.	Draize Test, 500 mg,	Rabbit	24 hours	Data applies to main component
	Prolonged or repeated contact with The preparation can lead to irritations of mucous membranes and of skin such as redness, formation of blisters, dermatitis, etc.				

IRRITANT EFFECT ON EYES: No data available
 SENSITIZATION: No data available
 CARCINOGENIC EFFECTS: No data available
 MUTAGENICITY: No data available
 REPRODUCTION TOXICITY: No data available
 ASPIRATION HAZARD: No data available
 SPECIFIC TARGET ORGAN TOXICITY
 (Single exposure) [mg/kg]: No data available
 SPECIFIC TARGET ORGAN TOXICITY
 (Repeated exposure) [mg/kg]: No data available

ECOLOGICAL INFORMATION

TOXICITY:	Aquatic toxicity [mg/l]	No data available
PERSISTENCE AND DEGRADABILITY:	Biodegradability	No data available
MOBILITY IN SOIL:	Mobility	No data available

BIO-ACCUMULATIVE POTENTIAL:

Bio-Accumulation:	Based on the n-octanol/water partition coefficient accumulation in organisms is not expected.
Remarks:	Data apply to the main component.

RESULTS OF PBT AND VPvB ASSESSMENT

PBT characteristics determination	This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.
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DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Disposal considerations	Dispose according to legislation. Do not allow uncontrolled discharge of product into the environment.
Uncleaned empty packaging	Packs that cannot be cleaned should be disposed of in the same manner as the contents. Consult the appropriate local waste disposal expert about waste disposal.

TRANSPORT INFORMATION

LAND TRANSPORT GGVS/ADR/RID:

Class/Division/Group:	No dangerous good in sense of this transport regulation
UN-No.:	---
Description	---

MARINE TRANSPORT/IMDG-CODE

Class:	No dangerous good in sense of this transport regulation
UN-No.:	---
Packing Group	---
EmS Number:	---
MFAG:	---
Marine Pollutant:	---
Proper shipping name	---

AIR TRANSPORT/ICAO AND IATA

Class:	No dangerous good in sense of this transport regulation
UN-/ID No.:	---
Packing group	---
Proper shipping name	---

REGULATORY INFORMATION

NOTE: This product is approved for “**FDA (COSMETIC) USE ONLY**”. Any commercial TSCA use is strictly prohibited and Acme-Hardesty Co. will not support downstream users/uses of TSCA purposes for this material.

SAFETY, HEALTH AND ENVIRONMENTAL
REGULATIONS/LEGISLATION SPECIFIC FOR
THE SUBSTANCE OR MIXTURE:

Additional Regulations

Observe in addition any national regulations!

CHEMICAL SAFETY ASSESSMENT:

Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

OTHER INFORMATION

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.

The data herein are based on our current knowledge and believed to be reliable. Acme-Hardesty Co., provides this information without any representation or warranty, expressed or implied, regarding its accuracy or correctness.

Users must make their own determination that handling, storage and use of the product in the anticipated manner is safe and appropriate. Because these actions of the user are out of our control, and may be beyond our knowledge, we do not assume responsibility and expressly disclaim liability for loss, damage, expense or any other claim arising out of or in any way connected with the handling, storage, use or disposal of the product.

Disposal of containers must comply with applicable federal, state and local laws and regulations. Empty containers should never be given to individuals.