

# Material Safety Data Sheet



PRODUCT NAME: SHARON BIOMIX FREE I

---

---

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

---

---

TRADE NAME: SHARON BIOMIX FREE I  
DATE: February 15, 2013  
  
DISTRIBUTOR: ACME-HARDESTY COMPANY  
ADDRESS: 450 Sentry Parkway  
Blue Bell, PA 19422  
  
TELEPHONE: (866) 226 – 3834  
FAX: (215) 591 – 3620  
EMERGENCY: CHEMTREC (800) 424-9300

---

---

## CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

---

---

CHEMICAL CHARACTERIZATION: Certified Organic Citrus Extract in 2-Phenylethanol

RELEVANT IDENTIFIED USES: Cosmetics, personal care products

DANGEROUS SUBSTANCE	CAS#	RANGE (%)	CLASSIFICATION (EEC) NO 67/548/EEC/1999/45/EEC	CLASSIFICATION (EC) 1272/2008
2-Phenylethanol [EC No.200-456-2]	60-12-8	80 - 90 %	Xi; R36	Eye Irritant 2; H319
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 according to Regulation (EC) No. 1272/2008                      Eye Irrit. 2; H319

Classification according to Directive 67/548/EEC / 1999/45/ EEC                      Xi; R36  
Label elements:

HAZARD PICTOGRAM:



GHS07

SIGNAL WORD:

Warning

Hazardous Component(S) To Be Indicated On Label: 2-Phenylethanol

H-STATEMENT(S):

H319:    Causes serious eye irritation.

P-STATEMENT(S):

P264:    Wash hands thoroughly after handling.  
P280:    Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338: IF IN EYES:                      Rinse cautiously 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.

OTHER HAZARDS:

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:    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.

SYMPTOMS:    The most important know symptoms and effects are described in the Hazards Identification and Toxicological Information sections of this MSDS.  
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 <sub>2</sub> ). 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:	Use breathing apparatus and wear chemical protective clothing.
ADDITIONAL INFORMATION:	Keep people away from and upwind of spill/leak. Cool closed containers that are near the source of the fire. Remove product from fire area. 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 runoff 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/ fume/ 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.
CLEANING/COLLECTING 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

PRECAUTIONS FOR SAFE HANDLING

ADVICE ON SAFE HANDLING: Avoid formation of aerosol.  
 Provide adequate ventilation and local exhaust at critical locations.

FIRE/EXPLOSION PROTECTION: Avoid contact with skin and eyes.  
 Keep away from heat/sparks/open flames/hot surfaces.  
 No smoking.  
 Usual measures for fire prevention.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE SPACE/ CONTAINER REQUIREMENTS: Keep container tightly closed in a cool, well-ventilated place.  
 Protect against direct sunlight.

HINTS ON STORAGE ASSEMBLY: Keep in a cool, well-ventilated place away from highly flammable substances.  
 Do not store together with: Strong acid, Strong alkali, oxidizing agents

STORAGE SPECIFICATIONS: Keep container tightly closed in a cool, well-ventilated place.  
 Keep away from sources of ignition.  
 Keep container tightly closed and dry.

SPECIFIC END USES: Cosmetics, personal care products

EXPOSURE CONTROLS / PERSONAL PROTECTION

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.

---

---

PHYSICAL AND CHEMICAL PROPERTIES

---

---

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:	No data available
Remarks:	Data apply to the main component
BOILING POINT:	219°C
Remarks:	Data apply to main component.
FLASH POINT:	102°C
Remarks:	Data apply to the main component
EVAPORATION RATE [kg/s*m <sup>2</sup> ]	No data available
FLAMMABILITY:	No data available
EXPLOSION LIMITS [Vol-%]:	No data available
RISK OF EXPLOSION:	No data available
VAPOR PRESSURE [kPa]:	No data available
DENSITY [g/cm <sup>3</sup> ]:	0.940 - 1.150
Temperature:	20°C
WATER SOLUBILITY [g/l]:	No data available
PARTITION COEFFICIENT N-OCTANOL / WATER (log PO/W):	1.36
Remarks:	Literature value, Data apply to the main component
AUTOIGNITION TEMPERATURE:	No data available
DECOMPOSITION TEMPERATURE:	No data available
VISCOSITY, DYNAMIC [kg/(m*s <sup>2</sup> ):	20 mPa.s
OXIDATION:	No data available
REFRACTIVE INDEX:	1.531 – 1.534
Temperature:	20°C
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

INFORMATION ON TOXICOLOGICAL EFFECTS:

ORAL TOXICITY [mg/kg]:	No Data Available
DERMAL TOXICITY [mg/l]:	No Data Available
INHALATIVE TOXICITY [mg/l]:	No Data Available
IRRITANT EFFECT ON SKIN [mg/l]:	No Data Available
IRRITANT EFFECT ON EYES:	Eye contact causes irritation.
Remarks:	(statement derived from properties of the single components)
SENSITIZATION:	No Data Available
CARCINOGENIC EFFECTS:	No Data Available
MUTAGENICITY:	No Data Available
REPRODUCTION TOXICITY:	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
ASPIRATION HAZARD:	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.	

DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:

DISPOSAL CONSIDERATIONS:	Dispose according to legislation. Do not allow uncontrolled discharge of product into the environment.
UN-CLEANED EMPTY PACKAGING:	Packs that can't be cleaned should be disposed of in same manner as 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.

R PHRASE(S) APPLYING TO INGREDIENTS:	R36: Irritating to eyes.
H-STATEMENT(S) APPLYING TO INGREDIENTS:	H319: Causes serious eye irritation.

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.
-------------------	--

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.