

Material Safety Data Sheet



PRODUCT NAME: BIOSECUR[®] C160S

CHEMICAL PRODUCT AND DISTRIBUTOR IDENTIFICATION

TRADE NAME: BIOSECUR[®] C160S
DATE: December 11, 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

COMPOSITION / INFORMATION ON INGREDIENTS

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.

COMMON NAME: Certified ORGANIC Citrus Extract
INCI NAME: Citrus extract

COMPONENT	CAS#	RANGE (%)	SYMBOL / R PHRASE
Vegetable Glycerine	56-81-5	55 – 61	--- ----
Citrus Fruits:	-----		--- ----
Citrus Aurantium Amara Extract	72968-50-4	} 38 – 43	
Citrus Reticulata Extract	84929-38-4		
Citrus Sinensis Extract	8028-48-6		
Ascorbic Acid	50-81-7	3 – 6	
Citric Acid	77-92-9	< 2	
Lactic Acid	79-33-4	< 2	
Purified Water	7789-20-0	< 2	

HAZARDS IDENTIFICATION

HAZARDS DESIGNATION: This product is not classified as hazardous

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FIRST AID MEASURES

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INHALATION: If inhaled, breathe fresh air
If breathing becomes difficult, call a physician

SKIN CONTACT: If a large quantity is involved, wash with soap and water
Rinse skin thoroughly with water

EYE CONTACT: Flush with copious amounts of water or normal saline for 15 minutes
Assure adequate flushing by separating the eyelids with fingers
Call a physician if irritation persists

INGESTION: If a large quantity is involved, wash out mouth with water provided the person is conscious
Drink plenty of fluids to dilute
Call a physician

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FIRE / EXPLOSION DATA

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UNUSUAL FIRE/EXPLOSION HAZARDS: None

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ACCIDENTAL RELEASE MEASURES

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CLEANING/COLLECTING MEASURES: Pick up excess with absorbent material
Flush with water

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HANDLING AND STORAGE

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GENERAL: Keep in cool, dry location
Do not freeze

STORAGE PRESSURE: Atmospheric

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EXPOSURE CONTROLS / PERSONAL PROTECTION

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Use adequate ventilation (mechanical)
Wear glasses, goggles or face shield
NIOSH/MSHA approved face and eye protection unnecessary
Use a respirator in the case of repeated, prolonged exposure
Use latex gloves

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	:	Crystalline liquid
COLOR	:	Dark yellow
ODOR	:	Agreeable (light citrus smell)
TASTE	:	Light acid, light sweet and light astringent
LIGHT SENSITIVITY	:	Darkens over time
BOILING POINT	:	226°F / 108°C
FREEZING POINT	:	32°F / 0°C
DENSITY	:	1.11 g/ml – 1.22 g/ml
SOLUBILITY:		
WATER	:	100%
ALCOHOL	:	100%
GLYCEROL	:	100%
OIL	:	Non-soluble
pH	:	2.00 – 3.50
pH RANGE RECOMMENDATION	:	Effective over a broad pH range (2 – 9)
ACIDITY (quantity of product in mg neutralized by 1 ml of NaOH – 0.1 M)	:	1,300 mg – 1,900 mg
CORROSIVITY	:	At 2,000 ppm, it is similar to potable water
VOLATILITY	:	None
CHARGE STATE	:	Cationic (positive charge)

STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions

TOXICOLOGICAL INFORMATION

ACUTE TOXICOLOGY ORAL:	None
SKIN IRRITATION:	No
EYE IRRITATION:	Mild-irritant
SENSITIZATION:	Human repeat insult patch test: No sensitization
PHOTO-SENSITIZATION:	No

ECOLOGICAL INFORMATION

BIODEGRADABILITY:	Yes
ENVIRONMENTAL RISKS:	Without risk to natural environment Place in container and dispose of in accordance with local and national regulations and provisions

DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:	Place in container and dispose of in accordance with local and national regulations and provisions
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TRANSPORT INFORMATION

ROAD / RAIL (ADR / RID): Not classified
AIR TRANSPORTATION (IATA): Not classified
SEA TRANSPORTATION (IMDG): Not classified
HS TARIFF CLASSIFICATION: USA 1302.19.91.40; Europe 1302.19.80.00

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.

CLASSIFICATION: Product is not classified as hazardous

EINECS: Compliance with REACH

DANGER SYMBOL(S): None

RISK PHRASE(S): None

SAFETY PHRASE(S): None

TSCA (USA):
DSL (Canada):
NDSL (Canada):
ENCS (Japan):
AICS (Australia):
EINECS (Europe):
ELINCS (Europe):

ADDITIONAL INFORMATION

COMMON NAME: Certified ORGANIC Citrus Extract

INCI NAME: Citrus Extract

Approved for FDA (Cosmetic) use only

Any commercial TSCA use is strictly prohibited

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.