

Sorbitan Sesquioleate

MSDS (Material Safety Data Sheet)

November 14, 2012

CAS Number: 8007-43-0 Formula: Reaction product of sorbitol and oleic acid
Shipping Name: Not Regulated
Hazard Classification: Non-Hazardous Label: None
Chemical Name: Sorbitan sesquioleate

SECTION II - INGREDIENTS

	<u>APPROXIMATE WEIGHT%</u>	<u>TWA/TLV</u>
JEECHEM SOC		
Sorbitan sesquioleate	ca. 97%	NONE ESTABLISHED
Water	1 MAX	NONE ESTABLISHED

SECTION III - PHYSICAL DATA

APPEARANCE: CLEAR AMBER LIQUID
VISCOSITY: 1250 cps @25°C
BOILING POINT: NOT KNOWN
VAPOR DENSITY (AIR=1): NOT KNOWN
PERCENT VOLATILE BY WEIGHT: 1 MAX
EVAPORATION RATE (BUTYL ACETATE=1): NOT KNOWN
pH: 6.5 (5%)
ODOR: MILD FATTY
MELTING OR FREEZING POINT: NOT KNOWN
VAPOR PRESSURE (mm Hg): NOT KNOWN
SOLUBILITY IN WATER: DISPERSIBLE
SPECIFIC GRAVITY (H₂O=1)@25°C: 1.0

SECTION IV - FIRE AND EXPLOSION INFORMATION

FLASH POINT: 200°C (COC)
LOWER EXPLOSION LIMIT (%): NOT KNOWN

SECTION IV - FIRE AND EXPLOSION INFORMATION

EXTINGUISHING MEDIA: FOAM, WATER, DRY CHEMICAL, CO₂
AUTO IGNITION TEMPERATURE: NOT KNOWN
UPPER EXPLOSION LIMIT (%): NOT APPLICABLE
UNUSUAL FIRE AND EXPLOSION HAZARDS: PRODUCTS OF COMBUSTION ARE TOXIC. TREAT AS HOT OIL OR FAT. IF WATER MUST BE USED, USE A FOG NOZZLE TO AVOID SPATTERING OF HOT MATERIAL AND SPREAD OF BURNING LIQUID.
SPECIAL FIRE FIGHTING PROCEDURES: MUST WEAR MSHA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

SECTION V - HEALTH EFFECTS INFORMATION

PRIMARY ROUTES OF ENTRY: SKIN AND EYE CONTACT
EFFECTS OF OVEREXPOSURE: NO INFORMATION FOUND. BASED UPON THE RESULTS OF ANIMAL TOXICITY STUDIES FOR CLOSELY RELATED PRODUCTS, IT IS ANTICIPATED THAT DIRECT CONTACT MAY RESULT IN MILD EYE IRRITATION.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH EYES WITH PLENTY OF WATER FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

SKIN: WASH AFFECTED AREAS WITH PLENTY OF WATER, AND SOAP IF AVAILABLE, FOR SEVERAL MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.

INGESTION: IF SWALLOWED, GIVE 3-4 GLASSES OF WATER BUT DO NOT INDUCE VOMITING. IF VOMITING DOES OCCUR, GIVE FLUIDS AGAIN. GET MEDICAL ATTENTION TO DETERMINE WHETHER VOMITING OR EVACUATION OF STOMACH IS NECESSARY. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

INHALATION: REMOVE FROM AREA TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPS OR IF BREATHING BECOMES DIFFICULT.

CHEMICALS LISTED AS CARCINOGEN BY:

NATIONAL TOXICOLOGY PROGRAM:	NO
I.A.R.C. MONOGRAPHS:	NO
OSHA:	NO

SECTION VI - REACTIVITY INFORMATION

STABILITY:	STABLE
CONDITIONS TO AVOID:	NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS:	THERMAL DECOMPOSITION MAY PRODUCE TOXIC ORGANIC VAPORS/FUMES AND OXIDES OF CARBON, NITROGEN AND SULFUR.
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
CONDITIONS TO AVOID:	NONE KNOWN
INCOMPATIBILITY (MATERIALS TO AVOID):	STRONG OXIDIZING AGENTS, ACIDS OR BASES

SECTION VII - SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

CAUTION! FLOORS MAY BECOME SLIPPERY. WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND NIOSH/MSHA APPROVED RESPIRATOR WHERE MIST OR VAPORS OF UNKNOWN CONCENTRATIONS MAY BE GENERATED (SELF-CONTAINED BREATHING APPARATUS PREFERRED).

SECTION VII - SPILL AND DISPOSAL INFORMATION

DIKE AND CONTAIN SPILL WITH INERT MATERIAL (SAND, EARTH, ETC.) AND TRANSFER THE LIQUID AND SOLID SEPARATELY TO CONTAINERS FOR RECOVERY OR DISPOSAL. KEEP SPILL OUT OF SEWERS AND OPEN BODIES OF WATER.

WASTE DISPOSAL METHOD: DISPOSE OF IN COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS. INCINERATION IS THE PREFERRED METHOD.

SECTION VIII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	WHERE MIST OR VAPORS ARE GENERATED BY THE PROCESS, A NIOSH/MSHA JOINTLY APPROVED RESPIRATOR IS ADVISED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROLS.
VENTILATION TYPE:	IN PROCESSES WHERE MISTS OR VAPORS MAY BE GENERATED, PROPER VENTILATION MUST BE PROVIDED IN ACCORDANCE WITH GOOD VENTILATION PRACTICES.
PROTECTIVE GLOVES:	RUBBER OR NEOPRENE, WHEN NEEDED, TO PREVENT SKIN CONTACT.
EYE PROTECTION:	WEAR CHEMICAL SPLASH GOGGLES WHERE THERE IS A POTENTIAL FOR EYE CONTACT. USE SAFETY GLASSES WITH SIDE SHIELDS UNDER NORMAL USE CONDITIONS.
OTHER PROTECTIVE EQUIPMENT:	EYE WASH; SAFETY SHOWER; PROTECTIVE CLOTHING (LONG SLEEVES, COVERALLS OR OTHER, AS APPROPRIATE), WHEN NEEDED, TO PREVENT SKIN CONTACT.

SECTION IX - STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING:	TO MAINTAIN PRODUCT QUALITY, DO NOT STORE IN HEAT OR DIRECT SUNLIGHT. KEEP CONTAINERS CLOSED UNTIL USED.
--	--

SECTION X - TOXICOLOGY INFORMATION

* ORAL LD ₅₀ (RAT):	GREATER THAN 5000 mg/kg
* SKIN IRRITATION (RABBIT):	MILD IRRITANT
* EYE IRRITATION (RABBIT):	MILD-IRRITANT

SECTION XI – ECOLOGICAL INFORMATION

FURTHER INFORMATION : ADDITIONAL ADVICE: AT PRESENT TIME IS NO ECOTOXICOLOGICAL INFORMATION AVAILABLE.

SECTION 12- DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUES: THE ORGANIC INGREDIENTS CAN BE INCINERATED IN A SUITABLE INSTALLATION WHEN IN ACCORDANCE WITH LOCAL REGULATIONS.

CONTAMINATED PACKAGING: WHERE POSSIBLE RECYCLING IS PREFERRED TO DISPOSAL OR INCINERATION.

SECTION 13 – TRANSPORT INFORMATION

ADR – RID – IATA CARGO – IATA PASSENGER – IMDG CODE - : **NOT DANGEROUS GOODS**

SECTION 14 – REGULATORY INFORMATION

ADDITIONAL ADVICE: ACCORDING TO PRESENT DATA NO PRECAUTIONARY CLASSIFICATION AND LABELLING IS REQUIRED ACCORDING TO DIRECTIVES 67/548/EEC OR 88/379/EEC. HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

NATIONAL LEGISLATION

WATER CONTAMINATING CLASS GERMANY: WGK 1: SLIGHTLY WATER ENDANGERING

SECTION 15 – OTHER INFORMATION

OTHER REGULATIONS: THE COMPONENTS OF THIS PRODUCT ARE REPORTED IN THE FOLLOWING INVENTORIES: EINECS, TSCA.

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.