

MATERIAL SAFETY DATA SHEET

1) PRODUCT IDENTIFICATION	
Trade name:	BEAUTYDERM K9
Use:	Water soluble olive oil'. Non ionic surfactant for cosmetic applications.
INCI name:	SORBITAN OLIVATE
CAS:	223706-40-9
Technical name:	Fatty acids, olive, polyethylenglycolic ester
Assistance:	BC srl Via Brescia, 13 20020 Robecchetto con Induno (Mi) Italy Tel. +39 0331 606842 Fax. +39 0331 606173 @: info@beautyandcosmetic.eu Web: www.beautyandcosmetic.eu
Responsible e-mail:	tecnico@beautyandcosmetic.eu
Emergency telephone:	+39 02 66101029 (Centro Antiveleni Niguarda - Milano)
2) RISK DESCRIPTION	
D.Lgs N.65 dated 14/03/03	
Risks for Health:	There is no evidence of irritant / toxic effects
Risks for environment	The product is not classified as dangerous for the environment according to Directive CE 67/548 and following modifications. Use it anyway according to good working practises avoiding the dispersion in the environment.
Other Risks	Not Known
3) COMPOSITION/INFORMATION ABOUT HAZARDOUS INGREDIENTS	
This product is not obliged to carry a label, according to the regulation 67/548/CEE governing hazardous substances.	
R symbol and S phrases:	not required
4) FIRST AID PROCEDURES	
Skin contact:	wash with soap and rinse with running water, the part of the body come in contact with the product.
Eye contact:	wash immediately and abundantly with running water, keeping the eyelids open. In case the disorder persists, ask for medical advice. Do not use any kind of collyrium or ointment before an oculist visit.
Ingestion:	do not induce vomiting. Obtain medical attention as a precaution.
Inhalation:	no such a risk is expected in the normal use of the product.
5) FIRE FIGHTING PROCEDURES	
Extinguishing media:	normal fire extinguishers (sprayed water, CO ₂ , foam ...).
NO- extinguishing media:	jets of water direct on flames.
Fire hazard:	if the product has involved in a fire, toxic smokes could develop.
Special equipment:	respiratory protection and protective suitable clothes. Observe the necessary precautions in fires which involve chemical products.
6) SPILL AND LEAK PROCEDURES	
Precautions:	gloves and safety glasses. Avoid the presence of ignition sources, don't smoke.
Environmental precautions:	contain the leaks mechanically; avoid the product to reach water flows or the drainage network.
Cleaning method:	collect the product for an eventual re-use or for waste disposal. Absorb it with inert substances. After gathering the product , wash the involved area with plenty of water.

7) STORAGE AND HANDLING PROCEDURES	
Handling precautions: Vessel to be used:	used following hygienic and safety rules of good industrial use. maintain the product at 5/35°C in the original containers or in plastic, plasticized or stainless steel containers. Never exceed 50 degrees.
8) EXPOSURE CONTROL	
Hand protection: Eye protection: Safe protection and hygienic measures:	PVC or rubber safety gloves. safety glasses. respect the usual precaution measures relative to the handling of chemical products..
9) PHYSICAL AND CHEMICAL DATA	
Appearance at 25°C: Colour: Odour: Density at 25 °C: Boiling point: Flash point: Auto-ignition point: Decomposition point: Explosive limit: Comburent properties: Solubility in water: Solubility in oil:	flakes white or slightly yellow light, characteristic N.D. > 149°C N.D.. N.D. > 200 °C not connected with the product not connected with the product Disperdible (dispersible in hot water) Soluble/miscible in mineral and vegetal oils
10) REACTIVITY / STABILITY	
Hazardous decomposition products: Conditions to avoid: Materials to avoid:	If the product has involved in a fire, toxic smokes could develop non in particular if used correctly non in particular if used correctly
11) TOXICOLOGY	
What follow has been argued from bibliographical and scientific sources Swallowing: acute oral toxicity (LD50) (rat) Contact with Eyes (rabbit): Contact with skin (rabbit) (4 hours) Inhalation: Sensitising:	> 2000 mg/kg Not irritant Not irritant Inhalate if possible only as aerosol. It can irritate respiratory ways. Not Sensitising
12) ECOLOGICAL DATA	
Biotic degradation COD: Ichthyologic toxicity	> 90% (OECD) N.D. > 1 – 10 mg/l
13) WASTE DISPOSAL METHOD	
Drain in authorized dump. It can be treated in biological depurators. Empty packages must be treated as special wastes (D. Lgs. 05/05/097 n.22)	
14) TRANSPORT INFORMATION	
Road (RID/ADR): Rail (RID): Air (ICAO/IATA):	not hazardous not hazardous not hazardous
15) INFORMATION OF THE REGULATION	
256/74 Italian Law and DM 28-01-1992 (classification, packaging and labelling of dangerous substances). Classification and Labelling of Surfactants – CESIO.	
Symbol: R phrases S phrases:	not required not required not required

16) FURTHER INFORMATION

References:

NIOSH – Registry of Toxic Effects of Chemical Substances (1983).

N.Irving Sax, R.J. Lewis Sr. – Dangerous Properties of industrial Materials – ED. Van Nostrand, Reinhold – 1989, 7th edition.

CESIO – Classification and Labelling of Anionic, Nonionic Surfactants (1990).

CID (SSOG) – Contributo alla compilazione delle schede di sicurezza dei tensioattivi, II° edizione.

ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents – 1993/1994

SINTALEX – Version 7.0

D.M. – 16 Febbraio 1993 (classificazione di pericolosità delle sostanze).

CCNL – Allegato 1 "TLV per il 1989/90".

EINECS – European Inventory of Existing Commercial Chemical Substances.

This product must be preserved, handled and used following hygienic and safety rules of good industrial use and in compliance with effective law disposal. All information and data given herein are based on our present experience but are presented without warranty or responsibility of any kind.

This document belongs to B.C. srl and substitutes every previous edition