

Product information

Date of Last Revision

26/08/2005

RevisionNumber

1

Data on the Toxicological Properties for the Purposes of Article 7a of Directive 76/768/EEC (Sixth Amendment)

1. Information concerning the identity of the substance

ProductCode

ST02092

Product Name

Crodasinic LS30/NP

Manufacturer:

Croda Europe Ltd
Cowick Hall, Snaith,
Goole, DN14 9AA
England
Tel: +44 1405 860551
Fax: +44 1405 860205

Supplier:

Croda Europe Ltd
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Goole, DN14 9AA
England
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RawMaterialClass

Antistatic agents / surfactants / viscosity controlling agents

IUPAC Name

Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt

INCI Name

Aqua and Sodium Lauroyl Sarcosinate

EINECS No

231-791-2 + 205-281-5

CAS No

7732-18-5 + 137-16-6

RegistrationStatus

Listed in the INCI dictionary for US and European cosmetic use. Sodium Lauroyl Sarcosine

OriginPlant

Yes (Lauric acid component)

OriginAnimal

No

OriginNeither

Yes (sarcosine component)

Manufacturing
Process

Schotten-Baumann reaction between lauryl chloride and sarcosine

SolventResidues
from
Manufacturing

Sodium chloride < 0.2%

2. Specification Information

ActiveContent

30% approx.

Preservatives

None

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Antioxidants

None

Solvents

Water 70%

Other Additive

Tetrasodium EDTA 0.2%

3. Microbiological Information

Aerobic Bacteria

100 organisms per gram max

Yeasts/ Moulds

100 organisms per gram max

Pathogenic Organisms

Gram negative bacteria 100 organisms per gram max

Individual Pathogens

Staphylococcus

Salmonella

Pseudomonas

Candida

Escherichia

Other Pathogens

**Reasons Why Micro Testing
May not be Necessary**

4 By-products and Trace Contaminants

1,4 Dioxane

None

Ethylene Oxide

None

Solvent Residues

None (other than water)

Monomers

None

Free Animes

Expected to be below 2%

Nitrosoanimes

No data

Heavy Metals

Total combined expected to be below 20ppm

(lead, cadmium, mercury, arsenic, chromium, silver, cobalt, nickel)

Pesticides

No data

(Alpha-, beta-, gamma- HCH, DDT, DDE, Dichlofenthion, PCBs)

Polyaromatic

No data

Hydrocarbons

Other Contaminants

No data

(Other contaminants or residues (depending on origin and manufacturing process of the substance, e.g. catalysts residues)

5 Toxicological data

Acute Toxicity

LD50 (oral, rat) > 5g/kg - essentially non-toxic (see Annex 1)

Skin Irritation

Primary Irritation Index (rabbit) = 2.8 at 10% active, moderately irritating (see Annex 1)

Mucous Membrane

Mildly/moderately irritating at 10% active (rabbit) [Kay & Calandra classification] (see Annex 1)

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Sensitization Potential	Non-sensitiser (Magnussun-Kligman test on guinea pigs) (see Annex 1)
Genotoxicity	No specific data (see Annex 1)
Percutaneous Permeation	No data
Subchronic Toxicity (28- / 90-day test, oral application)	No data
Teratogenicity:	No data
Toxicokinetics	No data
Supplementary Genotox	No data
Phototoxicity	No data
Photosensitization	No data
Toxicity By Inhalation	No data

6 Empirical studies on humans (if available)

Human Skin Irritation	No data
Human Sensitization	No data
Cases Of Poisoning	Not applicable
Reference From Occupational Health. Exposure, maximum exposure limit values, reports of sensitization and respiratory disease.	Not applicable

7. Ecological data

Biodegradability	Readily (OECD301E & ISO14593) & ultimately (ISO11734) biodegradable (see Annex 2)
Aquatic Toxicity	96 hour LC50 for Lauroyl Sarcosine is 56mg/l (see Annex 1)
Water Endangering Class	WGK 1 [Kenn Nr 2469]
BioAccumulation Potential	Will not bio-accumulate (see Annex 2)
Other Disposal	Disposal should be in accordance with local, state or national legislation

8. Animal testing declaration:

Last tested on animals in 1987

9. Allergens (Reference numbers 67 to 92 in Annex III):

None

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