

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSAT SDS24 70/30**Master item code: 101871-****Safety Data Sheet dated 20/4/2020, version 2**

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Trade name: SOCOSAT SDS24 70/30

SDS code: P33202C

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

Disinfectant

Industrial uses

Uses advised against:

No uses advised against are identified.

1.3. Details of the supplier of the safety data sheet**Manufacturers:**

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Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

1.4. Emergency telephone number

France : ORFILA (INRS) +33 (0)1 45 42 59

International : CHEMTEL +1-813-248-0585.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****EC regulation criteria 1272/2008 (CLP)**

Danger, Flam. Liq. 2, Highly flammable liquid and vapour.



Warning, Eye Irrit. 2, Causes serious eye irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSAT SDS24 70/30

Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P280 Wear protective gloves and eye/face protection.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire, use a CO2 fire extinguisher to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

Additional information in accordance with Article 25 of the CLP Regulation:

As stipulated in the CLP (Section 25) and OPI (Section 69) regulations, the indications on the label must be clearly legible. In accordance with Article 35 of the REACH Regulation, the safety data sheet must be provided to all employees.

a) Identity of each active substance and its concentration in metric units:

See section 15

b) Nanomaterials present in the product:

Contains no nanomaterials.

c) Authorisation number:

This biocidal product is concerned by the transitional period according to Article 89 of the BPR Regulation.

d) Name and address of the authorisation holder: see Section 1.3

e) Type of formulation: SL, soluble concentrate

f) Planned or authorized applications : see section 15

g) Instructions for use, frequency of application and rate to be applied:

See Technical Data Sheet

(h) Indications of possible direct or indirect undesirable side effects and first aid instructions:

First aid instructions, see section 4.

(i) Instructions, where appropriate, on warnings for vulnerable groups :

A brochure will not be created because all the information required for the industrial user are indicated in the safety data sheet.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SOCOSAT SDS24 70/30

- j) Instructions for safe disposal of the biocidal product: see section 13
- k) Batch number or designation of the preparation and expiry date in normal storage conditions :
See label
- l) Additional information where appropriate:
N.A.
- m) Categories of users to which the biocidal product is restricted:
Industrial users
- n) Where appropriate, information on any specific risks to the environment, by to protect non-target organisms and avoid water contamination:
See section 12






SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 50% - < 60%	ethanol; ethyl alcohol	Index 603-002-00-5 number: CAS: 64-17-5 EC: 200-578-6 REACH No.: 01-21194576 10-43	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319
>= 0.5% - < 1%	butanone; ethyl methyl ketone	Index 606-002-00-3 number: CAS: 78-93-3 EC: 201-159-0 REACH No.: 01-21194572 90-43	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336 EUH066

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting. Obtain a medical examination.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SOCOSAT SDS24 70/30

4.2. Most important symptoms and effects, both acute and delayed

Burning sensation.

Tumor.

Blurred vision.

Tearing.

Swollen eyelids.

Itching.

Repeated exposure may cause skin dryness or cracking.

If swallowed, aspiration into the lungs may occur and cause a chemical pneumonia.

Vapours may cause drowsiness and dizziness.

Headache

Nausea

Loss of coordination.

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water

Foam.

Multipurpose powders class ABC

Powders class BC

Carbon dioxide (CO₂)

In case of fire, use a CO₂ fire extinguisher to extinguish.

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SOCOSAT SDS24 70/30

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Store under the same conditions as a combustible solid product.

Always keep in a well ventilated place.

Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

ethanol; ethyl alcohol - CAS: 64-17-5

- OEL Type: EU - TWA(8h): 960 mg/m³, 500 ppm - Notes: GERMANY - AGW (BAuA - TRGS 900, 21/06/2010)

- OEL Type: EU - TWA(8h): 1900 mg/m³, 1000 ppm - STEL: 9500 mg/m³, 5000 ppm -

Notes: FRANCE (INRS - ED984 : 2012) - TMP N°84

- OEL Type: ACGIH - STEL: 1000 ppm - Notes: A3 - URT irr

- OEL Type: National - TWA: 1000 ppm - Notes: UK

- OEL Type: National - TWA: 1907 mg/m³, 1000 ppm - Notes: Belgique

butanone; ethyl methyl ketone - CAS: 78-93-3

- OEL Type: National - TWA: 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm -

Notes: France VLEC

- OEL Type: EU - TWA(8h): 600 mg/m³, 200 ppm - STEL: 900 mg/m³, 300 ppm

- OEL Type: ACGIH - TWA(8h): 200 ppm - STEL: 300 ppm - Notes: BEI - URT irr,

CNS and PNS impair

- OEL Type: National - TWA: 600 mg/m³, 200 ppm - Notes: AGW, Germany

- OEL Type: MAK - TWA: 295 mg/m³, 100 ppm - STEL(30min (Miw)): 590 mg/m³, 200 ppm - Notes: Österreich

DNEL Exposure Limit Values

ethanol; ethyl alcohol - CAS: 64-17-5

Worker Industry: 1900 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects - Notes: 1000ppm

Worker Industry: 950 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects - Notes: 500ppm

Worker Industry: 343 mg/kg b.w./day - Exposure: Human Dermal - Frequency: Long Term, systemic effects

butanone; ethyl methyl ketone - CAS: 78-93-3

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SOCOSAT SDS24 70/30

Worker Industry: 1161 mg/kg - Consumer: 412 mg/kg - Exposure: Human Dermal -
 Frequency: Short Term (acute) - Notes: 1 day
 Worker Industry: 600 mg/m3 - Consumer: 106 mg/m3 - Exposure: Human Inhalation -
 Frequency: Short Term (acute)
 Consumer: 31 mg/kg - Exposure: Human Oral - Frequency: Short Term (acute)

PNEC Exposure Limit Values

ethanol; ethyl alcohol - CAS: 64-17-5
 Target: Fresh Water - Value: 0.96 mg/l
 Target: Marine water - Value: 0.79 mg/l
 Target: Freshwater sediments - Value: 3.6 mg/kg dw
 Target: Marine water sediments - Value: 2.9 mg/kg dw
 Target: Soil (agricultural) - Value: 0.63 mg/kg dw
 Target: PNEC Oral (foodstuff) - Value: 0.72 g/kg
 butanone; ethyl methyl ketone - CAS: 78-93-3
 Target: Fresh Water - Value: 55.8 mg/l
 Target: Marine water - Value: 55.8 mg/l
 Target: Freshwater sediments - Value: 284.74 mg/kg
 Target: Marine water sediments - Value: 287.7 mg/kg
 Target: Soil (agricultural) - Value: 22.5 mg/kg

Biological Exposure Index

N.A.

8.2. Exposure controls

See below, example of PPE to use.

Eye protection:

Safety goggles (EN 166)
 Use closed fitting safety goggles, don't use eye lens.

Protection for skin:

Chemical protection clothing.

Protection for hands:

Suitable gloves type: NF EN374
 NBR (nitrile rubber).

Respiratory protection:

Use adequate protective respiratory equipment.
 Filtering Half-face mask (NF EN 149), class FFP1
 Mask with filter "A1" , brown colour (NF EN14387)

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

Other conditions affecting workers exposure:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Appearance and colour:	Liquid coated on wipes	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SOCOSAT SDS24 70/30

Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point (°C):	19	--	--
Flash Point (°F):	N.A.	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	Not Relevant	--	--
Vapour density:	N.A.	--	--
Relative density:	< 1	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

Volatile Organic compounds - VOCs = 58,7 %

Volatile Organic compounds - VOCs = 511 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Strong oxidizers.

Acids.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the product:

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SOCOSAT SDS24 70/30

N.A.

Toxicological information of the main substances found in the product:

ethanol; ethyl alcohol - CAS: 64-17-5

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 50 mg/m³

butanone; ethyl methyl ketone - CAS: 78-93-3

Acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Inhalation > 5000 ppm

If not specified in other sections, the information required in Regulation (EU)2015/830 listed below must be considered as not relevant.:

Acute toxicity;

Skin corrosion/irritation;

Serious eye damage/irritation;

Respiratory or skin sensitisation;

Germ cell mutagenicity;

Carcinogenicity;

Reproductive toxicity;

STOT-single exposure;

STOT-repeated exposure;

Aspiration hazard.

Other toxicological information:

butanone; ethyl methyl ketone

Skin corrosion / irritation (rabbit):

Slight irritating effect

Severe eye injury/irritation (rabbit):

Highly irritating

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

ethanol; ethyl alcohol - CAS: 64-17-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 100 mg/l - Notes: Leuciscus idus

Endpoint: EC50 - Species: Algae = 275 mg/l - Duration h: 72 - Notes: Chlorella vulgaris

Endpoint: NOEC - Species: Algae = 3240 mg/l - Duration h: 120 - Notes: Skeletonema costatum

Endpoint: NOEC - Species: Daphnia = 9.6 mg/l - Duration h: 240 - Notes: Céridaphnia dubia

Endpoint: EC50 - Species: Daphnia = 857 mg/l - Duration h: 48 - Notes: Artemia salina nauplii

butanone; ethyl methyl ketone - CAS: 78-93-3

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 13 mg/l - Duration h: 48

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 168 - Notes: Desmodesmus subspicatus

12.2. Persistence and degradability

ethanol; ethyl alcohol - CAS: 64-17-5

Biodegradability: Readily biodegradable

butanone; ethyl methyl ketone - CAS: 78-93-3

Biodegradability: Readily biodegradable - Duration: 28 days - %: 98 - Notes: aerobie

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSAT SDS24 70/30

12.3. Bioaccumulative potential

ethanol; ethyl alcohol - CAS: 64-17-5

Log Pow -0.35

butanone; ethyl methyl ketone - CAS: 78-93-3

Log Pow 0.3

Log Kow 0.3

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

No harmful effects expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Codes of wastes (Décision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste):

15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

SECTION 14: Transport information



14.1. UN number

ADR-UN Number: 3175

IATA-UN Number: 3175

IMDG-UN Number: 3175

14.2. UN proper shipping name

ADR-Shipping Name: SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C (ethanol; ethyl alcohol)

IATA-Shipping Name: SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C (ethanol; ethyl alcohol)

IMDG-Shipping Name: SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 60 °C (ethanol; ethyl alcohol)

14.3. Transport hazard class(es)

ADR-Class: 4.1

ADR - Hazard identification number: 40

IATA-Class: 4.1

IATA-Label: 4.1

IMDG-Class: 4.1

14.4. Packing group

ADR-packing Group: II

IATA-Packing group: II

IMDG-Packing group: II

14.5. Environmental hazards

ADR-Environmental Pollutant: No

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SOCOSAT SDS24 70/30

IMDG-Marine pollutant: No

14.6. Special precautions for user

ADR-Subsidiary hazards: -
 ADR-S.P.: 216 274 601
 ADR-Transport category
 (Tunnel restriction code): 2 (E)
 IATA-Passenger Aircraft: 445
 IATA-Subsidiary hazards: -
 IATA-Cargo Aircraft: 448
 IATA-S.P.: A46
 IATA-ERG: 3L
 IMDG-EmS: F-A , S-I
 IMDG-Subsidiary hazards: -
 IMDG-Stowage and handling: Category B
 IMDG-Segregation: -
 Q.L.: 1K
 Q.E.: E2

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

N.A.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)
 Dir. 2000/39/EC (Occupational exposure limit values)
 Regulation (EC) n. 1907/2006 (REACH)
 Regulation (EC) n. 1272/2008 (CLP)
 Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
 Regulation (EU) 2015/830
 Regulation (EU) n. 286/2011 (ATP 2 CLP)
 Regulation (EU) n. 618/2012 (ATP 3 CLP)
 Regulation (EU) n. 487/2013 (ATP 4 CLP)
 Regulation (EU) n. 944/2013 (ATP 5 CLP)
 Regulation (EU) n. 605/2014 (ATP 6 CLP)
 Regulation (EU) n. 2015/1221 (ATP 7 CLP)
 Regulation (EU) n. 2016/918 (ATP 8 CLP)
 Regulation (EU) n. 2016/1179 (ATP 9 CLP)
 Regulation (EU) n. 2017/776 (ATP 10 CLP)
 Regulation (EU) n. 2018/699 (ATP 11 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 3
 Restriction 40

Restrictions related to the substances contained:

No restriction.

Listed or in compliance with the following international inventories:

N.A.

Labelling of detergents (EC Regulations 648/2004 and 907/2006):

N.A.

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SOCOSAT SDS24 70/30

Labelling of biocides (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):

SOCOSAT SDS24 70/30

This product is a product for biocidal use-Product type 2: Disinfectant not intended for direct applications to humans or animals.

Active substance: Ethanol 70% (V/V), CAS: 64-17-5, EC:200-578-6

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.

1999/13/EC (VOC directive)

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P5c

15.2. Chemical safety assessment

No

SECTION 16: Other information

N.A.: Not Applicable or Not Available

Full text of phrases referred to in Section 3:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

Hazard class and hazard category	Code	Description
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Flam. Liq. 2, H225	On basis of test data
Eye Irrit. 2, H319	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))

SOCOSAT SDS24 70/30

CCNL - Appendix 1
Insert further consulted bibliography

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The information is considered correct, but it is not exhaustive and it shall be used only as a guide which is based on the current knowledge of the substance or mixture and it is applicable to the safety precautions appropriate for the product.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
STOT SE:	May cause drowsiness or dizziness
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

Safety Data Sheet (Regulation (EC) n. 1907/2006 (REACH))
SOCOSAT SDS24 70/30

WGK: German Water Hazard Class.