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VERSION: 2.0	Date / Revised: 30-04-2018	
PRODUCT	SULPHUR 70% DUST	

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

1.1 Product Identifier

Trade name: **SULPHUR 70% DUST**

1.2 Relevant identified uses of the substance/mixture and uses advised against

Recommended use:

PESTICIDE

FOR PROFESSIONAL USE

1.3 Details of the supplier of the safety data sheet

Company:

Spyros Stavrinides Chemicals Ltd

28 Stasinou Avenue, 1060 Nicosia, Cyprus

Competent person responsible for the safety data sheet: chemicals@stavrinides.com.cy

1.4 Emergency telephone numbers


Information telephone number: +357 22 447464

Emergency telephone number: 1401

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

 Warning, Skin Irrit. 2, Causes skin irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2 Label elements

Symbols:



Warning

Hazard statements:

H315: Causes skin irritation.

Precautionary statements:

P280: Wear protective gloves/clothing.

P302+P352 IF ON SKIN: Wash with plenty of water.


P362 Take off contaminated clothing.

Special Provisions:

None

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

None

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2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards


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:

Chemical Name	Identifying numbers	Classification (Regulation (EC) No 1272/2008)	Wt. [%]
SULPHUR	CAS no: 7704-34-9 EC number: 231-722-6 Index number: 016-094-00-1	 3.2 Skin Irrit. 2 H315	70 %
Calcium Carbonate (Limestone)	CAS no: 1317-65-3 EC number: 215-279-6 Index number: ---	Not classified	28 - 30%

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 off safely.

In case of eye 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:

Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

In case of Inhalation:

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

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4.2 Most important symptoms and effects, both acute and delayed

None

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:

None

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

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.

5.3 Advice for fire-fighters

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.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

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

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

- 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.
- Contaminated clothing should be changed before entering eating areas.
- Do not eat or drink while working.
- See also section 8 for recommended protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

- Always keep the containers tightly closed.
- Keep away from unguarded flame, sparks and heat sources.
- Avoid direct exposure to sunlight. Avoid accumulating electrostatic charge.
- Keep away from food, drink and feed.
- Incompatible materials:
None in particular.
- Instructions as regards storage premises:
Adequately ventilated premises.

7.3 Specific end use(s)

- None in particular


8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

- No occupational exposure limit available
- DNEL Exposure Limit Values
N.A.
- PNEC Exposure Limit Values
N.A.

8.2 Exposure controls

- | | |
|--|--|
| <u>Eye protection:</u> | Eye glasses with side protection. |
| <u>Protection for skin:</u> | Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton. |
| <u>Protection for hands:</u> | Use protective gloves that provides comprehensive protection
Suitable material: UNI EN 420/UNI EN 374 |
| <u>Respiratory protection:</u> | Particle filter device (DIN EN 143). |
| <u>Thermal Hazards:</u> | None |
| <u>Environmental exposure controls:</u> | None |
| <u>Appropriate engineering controls:</u> | None |

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance and colour:	Solid
Odour:	None
Odour threshold:	N.A.
pH:	N.A.
Melting point / freezing point:	110 ° – 120 °C
Initial boiling point and boiling range:	N.A.
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	N.A.
Flash point:	190 ° – 220 °C
Evaporation rate:	N.A.
Vapour pressure:	N.A.
Relative density:	± 0.9 Kg/dm ³
Solubility in water:	Insoluble
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

Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties:	N.A.

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:

Acids, alkalis, halogenated compounds, oxidants

10.6 Hazardous decomposition products:

Toxic gases

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological information of the mixture: N.A.

Toxicological information of the main substances found in the mixture: N.A.

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

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

N.A.

12.2 Persistence and degradability

N.A.

12.3 Bioaccumulative potential

N.A.

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

None

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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14. TRANSPORT INFORMATION

14.1 UN number:

Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name:

N.A.

14.3 Transport hazard class(es):

N.A.

14.4 Packing Group:

N.A.

14.5 Environmental hazards

Marine pollutant: No

14.6 Special Precautions for User

N.A.

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

N.A.

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)

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


Restrictions related to the substances contained: No restriction.

Where applicable, refer to the following regulatory provisions:

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

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

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Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II): N.A.

15.2 Chemical Safety Assessment

No

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H315 Causes skin irritation.

Paragraphs modified from the previous revision:

SECTION 2: Hazards identification

SECTION 3: Composition/information on ingredients

SECTION 8: Exposure controls/personal protection

SECTION 9: Physical and chemical properties

SECTION 11: Toxicological information

SECTION 14: Transport information

SECTION 15: Regulatory information

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

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
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 Labelling 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.

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LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
N.A.:	Not Available
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.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.