
STILOX

1. Identification of substance or preparation and of company/firm**1.1 Product Identifier**

Commercial Name : STILOX F37
Product Chemical Name/ Description : Iron flakes and their oxides.
CAS No. : --
CE No. : --
REACH Status : Not applicable – Art.2

1.2 Pertinent uses of the substance/preparation and uses advised against

Recommended uses: Abrasive materials, composite materials, industrial applications in the brake industry.

Uses advised against: No information available.

1.3 Details of the supplier of information data sheet

ITAPROCHIM S.r.l.
Via Carlo Bianconi 8/A, 20139 Milano (Italy)
Tel. +390257303726 Fax +39 0256817644
e-mail: quality@itaprochim.it

1.4 Emergency telephone numbers

ITAPROCHIM SRL
Tel. +39 0257303726 (available from 9.00 to 18.00)
Tel. +39 0382 800873 (available from 8.00 to 16.30)

2. Hazard identification**2.1. Classification of the substance or preparation according to reg. 1272/2008 EC, as amended and aligned.**

The product is not classified as hazardous according to the provisions of Regulation 1272/2008 EC (CLP), as amended and aligned.

2.2 Label Elements

Pictograms: None
Warning: None
Hazard Statements: None
Precautionary Statements: None

2.3 Other Hazards

No more information available.

3. Composition/information on ingredients**3.1 Substances**

No substances classified as dangerous under Reg. 1272/2008 / EC (CLP) are contained in this product.

3.2 Preparation

Not applicable.

4. First Aid Measures**4.1 Description of first aid measures**

Effects on human health are unknown but in case of emergency follow these general instructions:

INHALATION: Take the person involved out into the open air. If breathing ceases, practice artificial respiration. Consult a physician immediately.

INGESTION: Consult a physician immediately. Causes vomiting only upon medical advice. Do not administer anything by mouth if the subject is unconscious.

EYES AND SKIN: Wash with plenty of water. In case of persistent irritation consult a physician.

4.2 Main symptoms and effects, both acute and delayed

No more information available.

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4.3 Indication of any immediate need to consult a doctor and special treatment

No more information available.

5. Fire-fighting measures**5.1 Extinguishing means**

SUITABLE EXTINGUISHING MEANS

CO₂, foam, powder and water.

UNSUITABLE EXTINGUISHING MEANS

None know

5.2 Special hazards deriving from the substance or preparation

HAZARDS DUE TO EXPOSURE IN CASE OF FIRE

Avoid breathing combustion products. Potentially dispersed powders in the air in sufficient concentrations and in the presence of a source of ignition may give rise to explosive mixtures with the air.

5.3 Recommendations for fire-fighters

GENERAL INFORMATION

Always wear complete fire protection equipment. Collect extinguishing water that should not be discharged into drains. Dispose of contaminated water used for fire extinguishing and residues in accordance with current regulations. EQUIPMENT Fire fighting equipment such as an open air compressor (EN 137), full flame retardant (EN469), flame retardant gloves (EN 659) and boots for firefighters (HO A29 or A30).

6. Measures in the event of accidental spillage**6.1 Personal precautions, protective equipment and procedures in case of an emergency**

Avoid dust formation and breathing. Wear adequate protective equipment.

6.2 Environmental precautions

Prevent product from entering sewers, surface water, groundwater.

6.3 Methods and materials for containment and reclamation

Collect the spilled product by spraying mechanically and place it in containers for recovery or disposal. Remove residual water jets if there are no contraindications. Ensure sufficient ventilation of the site affected by the leak. Check for any incompatibilities for container material in section 7. Disposal of contaminated material must be performed in accordance with item 13.

6.4 Reference to other section

Referring to sections 7, 8, 13.

7. Handling and storage**7.1 Precautions for safe handling**

Avoid dust generation in the air. Provide adequate ventilation and suction in the places where dust is generated in the air. In case of insufficient ventilation wear suitable respiratory equipment.

7.2 Conditions for safe storage, including any incompatibilities

Keep the product in containers clearly labeled. Keep containers away from any incompatible materials, see section 10. Avoid dust generation during handling or ensure adequate ventilation or suction system. Avoid packing breaks to prevent material leakage and subsequent dust generation in the air.

7.3 Specific End uses

No information available.

8. Exposure Controls/Personal Protection**8.1 Control Parameters**

Observe the legal exposure limits in the workplace for any type of dust dispersed in the air .

8.2 Exposure controls

HAND PROTECTION

Unnecessary. In case of necessity wear suitable protective gloves.

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SKIN PROTECTION

Unnecessary. In case of necessity wear suitable protective clothing.

EYE PROTECTION

Unnecessary. In case of necessity wear suitable eye protection.

RESPIRATORY PROTECTION

We recommend using a P-type filtering mask (EN 149), or equivalent device, whose class (1, 2 or 3) and actual need are to be determined based on the outcome of the risk assessment.

CONTROLS OF ENVIRONMENTAL EXPOSURE.

Emissions from production processes, including those from ventilation equipment, should be checked for compliance with environmental protection regulations.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	: Flakes
Colour	: Grey
Smell	: Odourless
Odour Threshold	: NA (not applicable)
pH	: NA (not applicable)
Melting point/Freezing point	: 1350°C
Initial boiling point	: NA (not applicable)
Boiling range	: NA (not applicable)
Flash point	: NA (not applicable)
Evaporation rate	: NA (not applicable)
Flammability (solid, gas)	: N.A. (not available)
Lower Flammability limit	: N.A. (not available)
Upper Flammability limit	: N.A. (not available)
Lower Explosive limit	: N.A. (not available)
Upper Explosive limit	: N.A. (not available)
Vapour Pressure	: NA (not applicable)
Vapour Density	: NA (not applicable)
Relative Density	: 5.9
Solubility	: insoluble
Partition coefficient: n-octanol/water	: N.A. (not available)
Auto-ignition temperature	: NA (not applicable)
Decomposition temperature	: NA (Not applicable)
Viscosity	: NA (not applicable)
Explosive Properties	: N.A. (not available)
Oxidising Properties	: N.A. (not available)

9.2 Other Information

VOC (Dir. 1999/13/CE)	: N.A. (not available)
VOC (volatile carbon)	: N.A. (not available)
No other information available	

10. Stability e Reactivity

10.1 Reactivity

Stable under normal conditions

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Powders may be potentially explosive in mixture with air.

10.4 Conditions to be avoid

Avoid accumulating dust in the environment.

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10.5 Incompatible materials

Not information available.

10.6 Hazardous decomposition products

None known.

11. Toxicological Information**11.1 Information on toxicological effects**

Acute toxicity:

No more information available

Skin irritation: NA

Serious eye damage / serious eye irritation: NA

Respiratory or skin sensitization: NA

Long-term toxicity (acute, subchronic, chronic): NA

Carcinogenicity, mutagenicity and reproductive toxicity: NA

Specific target organ toxicity (STOCH)-single exposure: NA

Specific target organ toxicity (STOCH)-Repeated exposure: NA

Danger in case of inhalation: NA

12. Ecological Information

Use in accordance with good working practices, avoiding dispersing the product in the environment. Notify the competent authorities if the product has reached waterways or has contaminated soil or vegetation.

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in the ground

No information available.

12.5 PBT and vPvB assessment results

Based on the available data, the product does not contain PBT or vPvB substances in excess of 0.1%.

12.6 Other adverse effects

No information available.

13. Disposal Consideration**13.1 Waste treatment methods**

Reuse, if possible. Product residues such as non-hazardous non-hazardous waste. Disposal must be entrusted to a waste management company, subject to national and, where appropriate, local legislation. For solid residues, consider the possibility of disposal at an authorized landfill.

CONTAMINATED PACKAGING

Contaminated packaging should be sent to recovery or disposal in accordance with national waste management regulations.

14. Transport Information

The product is not to be regarded as dangerous according to the regulations on the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

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14.1. UN Number.

Not Applicable.

14.2. UN Shipping name.

Not Applicable.

14.3. Transport danger class.

Not Applicable.

14.4. Packing group.

Not Applicable.

14.5. Environment danger.

Not Applicable.

14.6. Special precautions for users.

Not Applicable.

14.7. Bulk transport under Annex II di MARPOL 73/78 and IBC-code.

Not Applicable.

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

Seveso Category:

NO

Restrictions on the product or substances contained in Annex XVII Regulation (EC) 1907/2006:

NO

Candidate List Substances (Art. 59 REACH):

NO

Substances under Authorization (Annex XIV REACH):

NO

Substances subject to export notification requirement Reg. (EC) 649/2012:

NO

Substances under Rotterdam Convention:

NO

Substances under Stockholm Convention:

NO

Sanitary Controls: Workers must be subjected to health surveillance carried out in accordance with art. 41 of Legislative Decree 81 of 9 April 2008, except that the risk to the safety and health of the worker has been considered irrelevant, in accordance with Art. 224 paragraph 2.

15.2 Chemical Safety Assessment

Not Applicable

16. Other Information

LEGEND:

ADR: European Agreement on the Transport of Dangerous Goods by Road

CAS NUMBER: Number of the Chemical Abstract Service

CE50: Concentration that affects 50% of the population under test

CE NUMBER: Identification Number in ESIS (European Inventory of Existing Substances)

CLP: EC Regulation 1272/2008

DNEL: Effectless derived level - EmS: Emergency Schedule

GHS: Global Harmonized System for Classification and Labeling of Chemicals

IATA DGR: Regulation for the Carriage of Dangerous Goods by the International Air Transport Association

IC50: Immobilization concentration of 50% of the test population

IMDG: International Maritime Dangerous Goods Code

IMO: International Maritime Organization

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INDEX NUMBER: Identification Number in Annex VI of the CLP

LC50: Fatal Concentration 50%

LD50: Fatal dose 50%

OEL: Occupational exposure level

PBT: Persistent, bioaccumulative and toxic according to REACH

PEC: Predictable environmental concentration

PEL: Predictive level of exposure

PNEC: Predictable Concentration Without Effects

REACH: Regulation EC 1907/2006

RID: Regulation for the international carriage of dangerous goods by train

TLV: Limit value of threshold

TLV CEILING: Concentration that must not be exceeded at any time of the working exposure.

TWA STEL: Short-term exposure limit

TWA: Weighted average exposure limit

VOC: Volatile organic compound

VPvB: Very persistent and very bioaccumulative according to REACH

WGK: Aquatic hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EU) 1907/2006 of the European Parliament (REACH)
 2. Regulation (EU) 1272/2008 of the European Parliament (CLP)
 3. Regulation (EU) 790/2009 of the European Parliament (I Atp. CLP)
 4. Regulation (EU) 2015/830 of the European Parliament
 5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
 6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
 7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
 8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
 9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
 10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
- Reg. EC 453/2010, as amended and supplemented.
Reg. EU 2015/830
The Merck Index. - 10th Edition
Handling Chemical Safety
INRS - Fiche Toxicologique (toxicological sheet)
Patty - Industrial Hygiene and Toxicology
N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
ECHA Agency Website

Note for the User: The information contained in this sheet is based on the knowledge available to us at the date of the last version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product. You should not interpret this document as a guarantee for any specific property of the product. Because the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force regarding hygiene and safety under its own responsibility. They are not responsible for improper use. Provide adequate training to personnel involved in the use of chemicals.

Changes to previous revision: All