



# SILICONI COMMERCIALE spa

Via Francia 4 Z.I. - 36053 GAMBELLARA (VI) ITALY  
Tel (0039) 444 649766 Fax 0444 440018

## Safety Data Sheet REF 400

Safety data Sheet of 01/06/2007

revision 3.1

### 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name: REF 400  
Product Code: 10651/50  
Product Type and Use: Cooling liquid for welding machines  
Company: SILICONI COMMERCIALE SPA - Via Francia 4 Z.I. -36053 Gambellara (VI) - ITALY  
Tel +39 0444 649766 Fax +39 0444 440018 e-mail: info@siliconicommerciale.it  
Emergency phone Number: Siliconi Commerciale SPA tel +39 0444 649766

### 2. HAZARDS IDENTIFICATION

The product does not classified as dangerous according to 67/548/CE and 1999/45/CE.  
It does not present particular risks for human health or for the environment.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances classified as health hazard according to law 67/548/CEE :

None

### 4. FIRST AID MEASURES

Skin contact:

Remove with a cloth or paper and wash skin with soap and water.

Eye contact:

Do not use eye drops nor creams. Wash eyes with large amounts of water for at least 10 minutes.

Ingestion:

Particular measurements are not required. Seek medical attention in case of illness.

Inhalation:

Particular measurements are not required.

### 5. FIRE-FIGHTING MEASURES

Fire extinguishing media:

Dry Powder, CO2, sprayed water or foam.

Fire extinguishing avoided:

None.

Hazardous combustion products:

Avoid inhaling vapours.

Fire fighting protective equipment:

Protection equipment: helmet with visor and neck protection, fireproof jacket and trousers with strips around arms, legs and waist.



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### 6. ACCIDENTAL RELEASE MEASURES

Personal protection:

Wear gloves, boots, and protective garments. Show clearly the danger of slip.

Environment protection:

Prevent from spreading by using sand, earth or other appropriate barriers.

Keep away foreign person. Reduce to minimum the dispersion of material on soil.

Cleaning method:

Absorb the liquid product with adsorbent material like sand, vermiculite, earth or any suitable adsorbent material. Transfer to a container for disposal. Very large spills should be embank and place in a suitable container: re-use if possible. Cleaning the sliding deposit with water and detergent.

### 7. HANDLING AND STORAGE

Handling precautions:

None known.

Storage:

Stock at environmental temperature. It is sensitive to frost. Do not stock at temperatures down to 0° C.

Keep the containers well closed.

Place indications:

No special requirements.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective measures:

Avoid the formation of fogs and aerosol. Do not eat nor drink during the use.

Handled in accordance with the general rules of occupational hygiene and safety.

Respiratory protection:

It is not necessary for normal use.

Hand protection:

It is not necessary for normal use, in case of frequently contacts wear protective gloves resistant to chemical Products EN 374.

Eye protection:

It is not necessary for normal use, in case of frequently contacts wear protective goggles with lateral spatter protection EN 166.

Skin protection:

Wear protective clothing.

Occupational Exposure limits:

N.E.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: Yellowish liquid

Odour: odourless

pH: 7 (sol. 5%)

Flammable point: N.D.

Specific weight: 1 g/ml (at 25 °C)

Vapour pressure: N.D. Kpa (at 20 °C)

Solubility (water): yes

Solubility (oil): partial

Flammable: no



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### 10. STABILITY AND REACTIVITY

Condition to avoid:

Stable under normal conditions.

Material to avoid:

Keep away from oxidant agents.

Hazardous decomposition products:

It doesn't decompose under normal conditions. With thermal decomposition or in case of fire, it could form vapours potentially dangerous for health.

### 11. TOXICOLOGICAL INFORMATION

According to our present knowledge, it is physiological tolerable, it is neither mutagen, nor teratogen or carcinogenic.

Acute toxicity:

LD 50 (rat) oral: >50000 mg/kg

LC50 (rat) skin: N.E.

Chronic toxicity:

No effect known

Eye contact:

No adverse effects are normally expected.

Skin contact:

No adverse effects are normally expected.

### 12. ECOLOGICAL INFORMATION

Use according to good working practices and avoid uncontrolled dispersion of the product in the environment.

Mobility:

Air- it is not contaminating for air. Water-It is soluble. Soil-N.E.

Persistence and degradability:

N.D.

(OEDC 301 B)

Bioaccumulation:

No bioaccumulation potential.

Ecotoxicity:

Toxicity on fish LC50(96 h) > 100 mg/l (Test trutta-fario) IRSA- CNR

EC50 (Daphnia 48 h): N.E.

EC50 (Algae 48 h) : N.E.

The product does not contain ecotoxic substances. WGK (Wasser- Gefaehrdender): class 1.

Considering our present Knowledge it not to foresee any toxicity for fish and bacterium of active muds. It is not to foresee negative effect on depuration plants.

### 13. DISPOSAL CONSIDERATIONS

Products residue:

Disposal should be in accordance with local, state or national legislation. Recover if possible or eliminate in an authorized centre for waste collection.

Packaging disposal:

Drip them well and send in a centre to re-use the containers or eliminate in an authorized place.

### 14. TRASPORT INFORMATION

ADR-RID IMDG-IMO ICAO-IATA

Product not considered dangerous for transport.



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### 15. REGULATORY INFORMATION

Directive 1999/45/CE and 2001/60/CE (Classification and Labelling):

Symbols:

None

R Phrases:

None

S Phrases:

None

Neither packaging nor a specific labelling are required.

National Regulations.

### 16. OTHER INFORMATION

References:

NIOSH – Registry of toxic effects of chemical substances (1983)

I.N.R.S. – Fiche toxicologique

CESIO – Classification and labelling of anionic, non ionic surfactant (1990)

ACGIH – Valori limiti di soglia –TLV per il 1999

Directive 2001/60/CE (Labelling of Dangerous preparations) and Directive 2004/73/CE ( 29° amendment on Directive 67/548/CE).

This Safety Data Sheet was prepared in compliance with Regulation 1907/2006/CE REACH.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Nothing herein is to be construed as a warranty, express or otherwise. In all cases, it is the responsibility of the user to determine the applicability of such information or the suitability of any products for their own particular purpose. It is responsibility of the user to conform at all Sanitary, Safety and Environmental Regulations.

This Safety Data Sheet replace all previous edition.

Legend N.A.: not applicable N.E.: not established