

## Safety data sheet

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: **PETROTEX S**  
Product name: --

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

Intended use: **Water-oil repellent protection**

#### 1.3 Details of the supplier of the safety data sheet

Company name: **IDEAL WORK SRL**  
Address: **Via Kennedy, 52**  
Place and country: **31030 Vallà di Riese Pio X (TV)**  
**Italy**  
tel. **0423 /4535**  
fax **0423 /748429**  
[sicurezza@idealwork.it](mailto:sicurezza@idealwork.it)

e-mail address for a competent person,  
responsible for the safety data sheet

#### 1.4 Emergency telephone number






For information in an emergency

**Poison center:**  
**National Poisons Information Service (Birmingham**  
**Unit) City Hospital**  
**Dudley Rd Birmingham**  
**Telephone: +44 121 507 4123**  
**Fax: +44 121 507 55 88**  
**Emergency telephone: 844 892 0111**

### SECTION 2. Hazards identification.

#### 2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

-  Warning, Flam. Liq. 3, Flammable liquid and vapour.
-  Warning, Acute Tox. 4, Harmful if swallowed.
-  Warning, Skin Irrit. 2, Causes skin irritation.
-  Warning, Eye Irrit. 2, Causes serious eye irritation.
-  Warning, STOT SE 3, May cause drowsiness or dizziness.

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Symbols:



Warning

#### Hazard statements:

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Precautionary statements:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P264 P264.2  
 P280 Wear protective gloves and eye/face protection.  
 P301+P312 IF SWALLOWED: Call a POISON CENTER if you feel unwell.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P370+P378 EU4\$P370+P378.1

**Special Provisions:**

None

**Contents**

propan-2-ol; isopropyl alcohol; isopropanol  
 1-methoxy-2-propanol; monopropylene glycol methyl ether

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



















## 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
>= 40% - < 50%	2-butoxyethanol; ethylene glycol monobutyl ether	Index number: 603-014-00-0 CAS: 111-76-2 EC: 203-905-0	 3.3/2 Eye Irrit. 2 H319  3.2/2 Skin Irrit. 2 H315  3.1/4/Oral Acute Tox. 4 H302  3.1/4/Dermal Acute Tox. 4 H312  3.1/4/Inhal Acute Tox. 4 H332
>= 25% - < 30%	propan-2-ol; isopropyl alcohol; isopropanol	Index number: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336
>= 25% - < 30%	1-methoxy-2-propanol; monopropylene glycol methyl ether	Index number: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336
>= 3% - < 5%	ethyl acetate	Index number: 607-022-00-5 CAS: 141-78-6 EC: 205-500-4	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336 EUH066
87 ppm	methanol	Index number: 603-001-00-X CAS: 67-56-1 EC: 200-659-6	 2.6/2 Flam. Liq. 2 H225  3.8/1 STOT SE 1 H370  3.1/3/Oral Acute Tox. 3 H301  3.1/3/Dermal Acute Tox. 3 H311  3.1/3/Inhal Acute Tox. 3 H331

### 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 off 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:

Give nothing to eat or drink.

##### In case of Inhalation:

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

#### 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

### SECTION 5. Firefighting measures.

#### 5.1. Extinguishing media

Suitable extinguishing media:  
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

## 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.  
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

Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.  
Keep away from unguarded flame, sparks, 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

2-butoxyethanol; ethylene glycol monobutyl ether - CAS: 111-76-2  
EU - LTE(8h): 98 mg/m<sup>3</sup>, 20 ppm - STE: 246 mg/m<sup>3</sup>, 50 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)  
ACGIH - LTE(8h): 20 ppm - Notes: A3, BEI - Eye and URT irr  
propan-2-ol; isopropyl alcohol; isopropanol - CAS: 67-63-0  
ACGIH - LTE(8h): 200 ppm - STE: 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS impair  
1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2  
EU - LTE(8h): 375 mg/m<sup>3</sup>, 100 ppm - STE: 563 mg/m<sup>3</sup>, 150 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)  
ACGIH - LTE(8h): 50 ppm - STE: 100 ppm - Notes: A4 - Eye and URT irr  
ethyl acetate - CAS: 141-78-6  
ACGIH - LTE(8h): 400 ppm - Notes: URT and eye irr  
methanol - CAS: 67-56-1  
EU - LTE(8h): 260 mg/m<sup>3</sup>, 200 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)  
ACGIH - LTE(8h): 200 ppm - STE: 250 ppm - Notes: Skin BEI - Headache, eye dam, dizziness, nausea

DNEL Exposure Limit Values  
N.A.

PNEC Exposure Limit Values  
N.A.

### 8.2. Exposure controls

#### Eye protection:

Use close fitting safety goggles, don't use eye lens.

#### Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

#### Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

#### Respiratory protection:

Use adequate protective respiratory equipment.

#### Thermal Hazards:

None

#### Environmental exposure controls:

None

#### Appropriate engineering controls:

None

### SECTION 9. Physical and chemical properties.

#### 9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes
Appearance and colour:	liquid	--	--
Odour:	Characteristic of solvent	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point:	25 ° C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	0,89 g/l	--	--
Solubility in water:	Insoluble in water	--	--
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.	--	--

### 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

Avoid contact with combustible materials. The product could catch fire.

#### 10.6. Hazardous decomposition products

None.

### SECTION 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:

2-butoxyethanol; ethylene glycol monobutyl ether - CAS: 111-76-2

LD50 (RABBIT) ORAL: 320 MG/KG

1-methoxy-2-propanol; monopropylene glycol methyl ether - CAS: 107-98-2  
LD50 (RABBIT) ORAL: 8 G/KG (8000 MG/KG)

ethyl acetate - CAS: 141-78-6  
LD50 (RABBIT) ORAL: 4935 MG/KG

If not differently specified, the information required in Regulation 453/2010/EC 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.

## SECTION 12. Ecological information.

### 12.1. Toxicity

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

## 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.

## SECTION 14. Transport information.



### 14.1. UN number

ADR-UN number:	1993
IATA-Un number:	1993
IMDG-Un number:	1993

### 14.2. UN proper shipping name

ADR-Shipping Name:	Flammable liquid, N.O.S. (propan-2-ol)
IATA-Technical name:	Flammable liquid, N.O.S. (propan-2-ol)
IMDG-Technical name:	Flammable liquid, N.O.S. (propan-2-ol)

### 14.3. Transport hazard class(es)

ADR-Class:	3
ADR-Label:	3
IATA-Class:	3
IATA-Label:	3
IMDG-Class:	3

### 14.4. Packing group

ADR-Packing Group:	III
IATA-Packing group:	III
IMDG-Packing group:	III

### 14.5. Environmental hazards

Marine pollutant:	No
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### 14.6. Special precautions for user

ADR-Tunnel Restriction Code:	D/E
IMDG-Technical name:	Flammable liquid, N.O.S. (propan-2-ol)
IMDG-EMS:	F-E,S-E

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

### Packaging:

25 LT BUCKET -- APPROVAL 1A1/Y1,5/100 – Ø 29,5 cm x 42cmH – Weight 1,500 KG

## 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) n. 453/2010 (Annex II)  
 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:

None

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)

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

### 15.2. Chemical safety assessment

No

## SECTION 16. Other information.

Full text of phrases referred to in Section 3:

H319 Causes serious eye irritation.  
 H315 Causes skin irritation.  
 H302 Harmful if swallowed.  
 H312 Harmful in contact with skin.  
 H332 Harmful if inhaled.  
 H225 Highly flammable liquid and vapour.  
 H336 May cause drowsiness or dizziness.  
 H226 Flammable liquid and vapour.  
 EUH066 Repeated exposure may cause skin dryness or cracking.  
 H370 Causes damage to organs.  
 H301 Toxic if swallowed.  
 H311 Toxic in contact with skin.  
 H331 Toxic if inhaled.

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  
CCNL - Appendix 1

Insert further consulted bibliography

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 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.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.