Italchimica

# Safety Data Sheet
# SANITEC X3 SOLV REMOVER

Conforms to Regulations (EC) 1907/2006, (EC) 1272/2008 and subsequent amendments.

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Mixture identification:
Trade name: SANITEC X3 SOLV REMOVER
Trade code: 1817

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

Recommended use:
Solvent-based stain remover for washable surfaces - for ink

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

Supplier:
ITALCHIMICA s.r.l.
Riviera Maestri del lavoro 10 35127 Padova Italy
Phone +39 049 8792456

Marketing authorization holder
ITALCHIMICA s.r.l. ||Riviera Maestri del lavoro 10 35127 Padova Italy ||Phone +39 049 8792456 - www.sanitecitalia.com

Competent person responsible for the safety data sheet:
regulatory@italchimica.it

**1.4. Emergency telephone number**

Centro antiveleni, “Osp. Pediatrico Bambino Gesù” Dip. Emergenza e Accettazione DEA, Piazza Sant’Onofrio, 4 Roma Tel. 06 68593726

Centro antiveleni, Az. Osp. Univ. Foggia, V.le Luigi Pinto 1, Foggia Tel. 800183459

Centro antiveleni, Azienda Ospedaliera "Antonio Cardarelli", III Servizio di anestesia e rianimazione, Via A. Cardarelli 9, Napoli Tel. 081-5453333

Centro antiveleni, Policlinico "Umberto I", V.le del Policlinico 155, Roma Tel. 06-49978000

Centro antiveleni, Policlinico "A. Gemelli", Largo Agostino Gemelli 8, Roma Tel. 06-3054343

Centro antiveleni, Az. Osp. "Careggi" U.O. Tossicologia Medica, Via Largo Brambilla 3, Firenze Tel. 055-7947819

Centro antiveleni, Centro Nazionale di Informazione Tossicologica, IRCCS Fondazione Salvatore Maugeri Clinica dl Lavoro e della riabilitazione, Via Salvatore Maugeri 10, Pavia Tel. 0382-24444

Centro antiveleni Osp. Niguarda Ca' Grande, Piazza Ospedale Maggiore 3, Milano Tel. 02-66101029

Centro antiveleni, Azienda Ospedaliera Papa Giovanni XXII, Piazza OMS 1, Bergamo Tel. 800883300

Centro antiveleni, Azienda Ospedaliera Integrata Verona, Piazzale Aristide Stefani 1, Verona Tel. 800011858

**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture
EC regulation criteria 1272/2008 (CLP)

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

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Warning

Hazard statements:

H319 Causes serious eye irritation.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P264 Wash face and hands and any exposed skin after use.
P280 Wear eye/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Special Provisions:

None

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

None

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

Other Hazards:

No other hazards

Product contents:

Non-ionic surfactants < 5 %

## 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 |
|---|---|---|---|
| >= 15% - < 17.5% | Butoxydiglycol | CAS: 112-34-5<br>EC: 203-961-6 | 3.3/2 Eye Irrit. 2 H319 |
| < 2.5% | (2-methoxymethylethoxy) propanol | CAS: 34590-94-8<br>EC: 252-104-2<br>REACH No.: 01-2119450011-60-xxxx | Substance with a Union workplace exposure limit. |
| < 2.5% | Alcohols, C11-13-branched, ethoxylated | CAS: 68439-54-3<br>EC: 931-985-3 | 3.1/4/Oral Acute Tox. 4 H302<br>3.3/1 Eye Dam. 1 H318 |
| < 2.5% | Tetrasodium N,N-bis(carboxylatomethyl)- | CAS: 51981-21-6 | 2.16/1 Met. Corr. 1 H290 |

| | | | |
|---|---|---|---|
| | L-glutamate | EC: 257-573-7<br>REACH No.: 01-2119493601-38-xxxx | |
| < 2.5% | 2,2'-iminodiethanol | Index number: 603-071-00-1<br>CAS: 111-42-2<br>EC: 203-868-0<br>REACH No.: 01-2119488930-28-xxxx | 3.1/4/Oral Acute Tox. 4 H302<br>3.7/2 Repr. 2 H361fd<br>3.2/2 Skin Irrit. 2 H315<br>3.3/1 Eye Dam. 1 H318<br>3.9/2 STOT RE 2 H373 |

## 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 opthalmologist immediately.
Protect uninjured eye.
In case of Ingestion:
Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.
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:
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.
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 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.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.

**7.2. Conditions for safe storage, including any incompatibilities**

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

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

Butoxydiglycol - CAS: 112-34-5
EU - TWA(8h): 67.5 mg/m3, 10 ppm - STEL: 101.2 mg/m3, 15 ppm
ACGIH - TWA(8h): 10 ppm - Notes: (IFV) - Hematologic, liver and kidney eff
(2-methoxymethylethoxy)propanol - CAS: 34590-94-8
EU - TWA(8h): 308 mg/m3, 50 ppm - Notes: Skin
MAK - TWA(8h): 50 ppm - STEL: 50 ppm - Notes: Pelle
ACGIH - TWA(8h): 50 ppm - Notes: Liver & CNS eff
2,2'-iminodiethanol - CAS: 111-42-2
ACGIH - TWA(8h): 1 mg/m3 - Notes: (IFV), Skin, A3 - Liver and kidney dam
DNEL Exposure Limit Values
N.A.
PNEC Exposure Limit Values
N.A.

**8.2. Exposure controls**

Eye protection:
Use closed safety visors complying with EN 166, do not use eye lenses.

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 in compliance with the UNI EN 374-3 standard of class 3 or higher (eg PVC, neoprene or rubber). The suitability and stability of a glove depend on use; for example, the duration, the contact frequency and the chemical resistance of the materials, so the final choice must consider the specific conditions of use.
Respiratory protection:
Not needed for normal use.
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:** |
|---|---|---|---|
| Physical state: | Liquid | -- | -- |
| Colour: | Transparent | -- | -- |
| Odour: | Characteristic / Solvent | Olfactory | -- |
| Melting point/freezing point: | Not Relevant | -- | -- |
| Boiling point or initial boiling point and boiling range: | Not Relevant | -- | -- |
| Flammability: | N.A. | -- | -- |
| Lower and upper explosion limit: | Not Relevant | -- | -- |
| Flash point: | N.A. | | -- |
| Auto-ignition temperature: | Not Relevant | -- | Parameter Not Relevant For The Product Type. |
| Decomposition temperature: | Not Relevant | -- | Parameter Not Relevant For The Product Type. |
| pH: | 11.0 +/- 0.5 | Instrumental Control | -- |
| Kinematic viscosity: | N.A. | -- | -- |
| Solubility in water: | Excellent | Internal Tests | -- |
| Solubility in oil: | Not Relevant | -- | -- |

| | | | |
|---|---|---|---|
| Partition coefficient n-octanol/water (log value): | Not Relevant | -- | -- |
| Vapour pressure: | Not Relevant | -- | Parameter Not Relevant For The Product Type. |
| Density and/or relative density: | 0.9900 +/-0, 01 gr/ml | -- | -- |
| Relative vapour density: | Not Relevant | -- | -- |
| Particle characteristics: | | | |
| Particle size: | N.A. | -- | -- |

9.2. Other information

No other relevant information

**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**

Do not mix with other products. They could develop dangerous gases.

**10.4. Conditions to avoid**

Stable under normal conditions.

**10.5. Incompatible materials**

None in particular.

**10.6. Hazardous decomposition products**

None.

**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

(2-methoxymethylethoxy)propanol - CAS: 34590-94-8

a) acute toxicity:

Test: LD50 - Route: Oral > 5000 mg/kg

Test: LD50 - Route: Skin > 13000 mg/kg

Alcohols, C11-13-branched, ethoxylated - CAS: 68439-54-3

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 300-2000 mg/kg - Source: Test/bibliografici fornitore

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

b) skin corrosion/irritation:

Test: Skin Corrosive - Route: Skin - Species: Rabbit Negative - Source: Test/bibliografici fornitore - Notes: Non irritante

c) serious eye damage/irritation:

Test: Eye Corrosive - Route: Skin - Species: Rabbit Positive - Source: Test/bibliografici fornitore - Notes: Gravi lesioni oculari

d) respiratory or skin sensitisation:

Test: Skin Sensitization - Route: Skin Negative - Source: Test/bibliografici fornitore - Notes: Porcellino d'India - non sensibilizzante

e) germ cell mutagenicity:
Test: Mutagenesis Negative - Source: Test/bibliografici fornitore - Notes: Metodo Ames - non mutagenico

f) carcinogenicity:
Test: Carcinogenicity Negative - Source: Bibliografici fornitore

g) reproductive toxicity:
Test: Reproductive Toxicity = - Source: Bibliografici fornitore - Notes: NOAEL: (g)>250mg/kg|(F1)>250mg/kg;(F2)>250mg/kg (rif peso corporeo/giorno)

h) STOT-single exposure:
Test: STOT = - Notes: Non classificata come intossicante

i) STOT-repeated exposure:
Test: STOT = - Notes: Non classificata come intossicante

If not differently specified, the information required in Regulation (EU)2020/878 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.

11.2. Information on other hazards
Endocrine disrupting properties:
No endocrine disruptor substances present in concentration >= 0.1%

## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
(2-methoxymethylethoxy)propanol - CAS: 34590-94-8
a) Aquatic acute toxicity:
Endpoint: LC50 = 10000 mg/l - Duration h: 96 - Notes: Maggiore di
Endpoint: EC50 = 1919 mg/l - Duration h: 48
Alcohols, C11-13-branched, ethoxylated - CAS: 68439-54-3
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish > 1-10 mg/l - Duration h: 96 - Notes: OECD TG 203 Test/bibliografici fornitore
Endpoint: EC50 - Species: Daphnia > 1-10 mg/l - Duration h: 48 - Notes: OECD TG 202 Test/bibliografici fornitore
Endpoint: EC50 - Species: Algae > 1-10 mg/l - Duration h: 72 - Notes: OECD TG 201 Test/bibliografici fornitore
c) Bacteria toxicity:
Endpoint: EC50 - Species: Bacteria 140 mg/l
e) Plant toxicity:
Endpoint: NOEC - Species: Algae 10 mg/kg - Notes: OECD TG 301

### 12.2. Persistence and degradability

Alcohols, C11-13-branched, ethoxylated - CAS: 68439-54-3
Biodegradability: Readily biodegradable - %: 60 - Notes: OECD TG 301B >60% 28d aerobico

### 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. Endocrine disrupting properties
No endocrine disruptor substances present in concentration >= 0.1%
12.7. Other adverse effects
None

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**
Recover if possible. In so doing, comply with the local and national regulations currently in force.

**SECTION 14: Transport information**

14.1. UN number or ID 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
ADR-Enviromental Pollutant: No
IMDG-Marine pollutant: No
14.6. Special precautions for user
N.A.
14.7. Maritime transport in bulk according to IMO instruments
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) n. 2020/878
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. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2020/1182 (ATP 15 CLP)
Regulation (EU) n. 2021/643 (ATP 16 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:
Restriction 55
Restriction 75
Volatile Organic compounds - VOCs = 1.00 %
Volatile Organic compounds - VOCs = 10.00 g/Kg
Where applicable, refer to the following regulatory provisions :
Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):
Seveso III category according to Annex 1, part 1
None

15.2. Chemical safety assessment
No Chemical Safety Assessment has been carried out for the mixture.

**SECTION 16: Other information**
Full text of phrases referred to in Section 3:
H319 Causes serious eye irritation.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
H290 May be corrosive to metals.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
H315 Causes skin irritation.
H373 May cause damage to organs through prolonged or repeated exposure.

| **Hazard class and hazard category** | **Code** | **Description** |
|---|---|---|
| Met. Corr. 1 | 2.16/1 | Substance or mixture corrosive to metals, Category 1 |
| Acute Tox. 4 | 3.1/4/Oral | Acute toxicity (oral), Category 4 |
| Skin Irrit. 2 | 3.2/2 | Skin irritation, Category 2 |
| Eye Dam. 1 | 3.3/1 | Serious eye damage, Category 1 |
| Eye Irrit. 2 | 3.3/2 | Eye irritation, Category 2 |
| Repr. 2 | 3.7/2 | Reproductive toxicity, Category 2 |
| STOT RE 2 | 3.9/2 | Specific target organ toxicity - repeated exposure, Category 2 |

Paragraphs modified from the previous revision:

SECTION 2: Hazards identification

SECTION 3: Composition/information on ingredients
SECTION 8: Exposure controls/personal protection
SECTION 11: Toxicological information
SECTION 12: Ecological information
SECTION 15: Regulatory information
SECTION 16: Other information

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** |
|---|---|
| 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

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. |
| 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. |
| PNEC: | Predicted No Effect Concentration. |
| RID: | Regulation Concerning the International Transport of Dangerous Goods by Rail. |
| STEL: | Short Term Exposure limit. |
| STOT: | Specific Target Organ Toxicity. |

| | |
|---|---|
| TLV: | Threshold Limiting Value. |
| TWA: | Time-weighted average |
| WGK: | German Water Hazard Class. |