Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830

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

1.1. **Product identifier**

Trade name/designation: Paint Remover (Liquid)

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

Relevant identified uses:

Removal of graffiti from solvent-resistant surfaces.

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

supplier (manufacturer/importer/downstream user/distributor)

TECHNIQUA HANDELS GmbH
Hartleitnerstraße 3
A-4653 Eberstalzell
Tel: +43 (0) 7241 213 79
E-Mail: office@techniqua.at

1.4. **Emergency telephone number**

Poisoning Information Centre (VIZ), Stubenring 6, A-1010 Vienna
Emergency call 0-24 hrs: +43 1 406 43 43
Office hours: Monday to Friday, 8 to 16 hrs, Tel.: +43 1 406 68 98

SECTION 2: Hazards identification

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

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 3 / H226	Substante lichide inflamabile	Lichid și vapori inflamabili.
Eye Irrit. 2 / H319	Lezarea gravă/iritarea ochilor	Provoacă o iritare gravă a ochilor.
STOT SE 3 / H336	STOT (toxicitate asupra organelor țintă specifice) – expunere unică	Poate provoca somnolență sau amețeală.

2.2. **Label elements**

The product is classified and labelled according to EC directives or corresponding national laws.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Atenție

Hazard statements

H226	Lichid și vapori inflamabili.
H319	Provoacă o iritare gravă a ochilor.
H336	Poate provoca somnolență sau amețeală.

Precautionary statements

P210	A se păstra departe de surse de căldură, suprafețe încinse, scântei, flăcări deschise sau alte surse de aprindere. Fumatul interzis.
P243	Luați măsuri de precauție împotriva descărcărilor electrostatice.
P261	Evitați să inspirați vaporii.
P264	Spălați-vă maini bine după utilizare.
P271	A se utiliza numai în aer liber sau în spații bine ventilate.
P280	Purtați mănuși de protecție și echipament de protecție a ochilor/echipament de protecție a feței.
P303 + P361 + P353	ÎN CAZ DE CONTACT CU PIELEA (sau cu părul): Scoateți imediat toată îmbrăcămintea contaminată. Clătiți pielea cu apă [sau faceți duș].
P304 + P340	ÎN CAZ DE INHALARE: transportați persoana la aer liber și mențineți-o într-o poziție confortabilă pentru respirație.
P305 + P351 + P338	ÎN CAZ DE CONTACT CU OCHII: Clătiți cu atenție cu apă timp de mai multe minute. Scoateți lentilele de contact, dacă este cazul și dacă acest lucru se poate face cu ușurință. Continuați să clătiți.

P312	Sunaţi la un CENTRU DE INFORMARE TOXICOLOGICĂ sau un medic, dacă nu vă simţiţi bine.
P337 + P313	Dacă iritarea ochilor persistă: consultați medicul.
P370 + P378	În caz de incendiu: a se utiliza pulbere de stingere uscata sau nisip pentru a stinge.
P403 + P233	A se depozita într-un spațiu bine ventilat. Păstrați recipientul închis etanș.
P501	Predați conținutul/recipientul la o instalație industrială de ardere a deșeurilor.
P101	Dacă este necesară consultarea medicului, țineți la îndemână recipientul sau eticheta produsului.
P102	A nu se lăsa la îndemâna copiilor.

Hazard components for labelling
1-metoxi-2-propanol
acetat de 2-metoxi-1-metiletil

Supplemental hazard information
not applicable

2.3. **Other hazards**

No information available.

SECTION 3: Composition/information on ingredients

3.2. **Mixtures**

Description Solvent / Surfactant mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No. CAS No. Index No.	REACH No. Designation classification: // Remark	weight-%
203-539-1 107-98-2 603-064-00-3	01-2119457435-35-0000 1-metoxi-2-propanol Flam. Liq. 3 H226 / STOT SE 3 H336	10 < 25
203-603-9 108-65-6 607-195-00-7	01-2119475791-29-0000 acetat de 2-metoxi-1-metiletil STOT SE 3 H336 / Flam. Liq. 3 H226	10 < 25
209-406-4 577-11-7	01-2119491296-29-0000 Acid butandioic, sulfo, ester 1,4-bis(2-etilhexil), sare de sodiu Skin Irrit. 2 H315 / Eye Dam. 1 H318	< 2,5

Additional information
Full text of classification: see section 16

Labelling for contents according to regulation (EC) No. 648/2004

< 5 %	Anionic Surfactants

SECTION 4: First aid measures

4.1. **Description of first aid measures**

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

Following ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

4.2. **Most important symptoms and effects, both acute and delayed**

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. **Indication of any immediate medical attention and special treatment needed**
First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. **Extinguishing media**

Suitable extinguishing media
alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Unsuitable extinguishing media
strong water jet

5.2. **Special hazards arising from the substance or mixture**
Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. **Advice for firefighters**
Provide a conveniently located respiratory protective device. Do not allow water used to extinguish fire to enter drains, ground or waterways. Cool closed containers that are near the source of the fire.

SECTION 6: Accidental release measures

6.1. **Personal precautions, protective equipment and emergency procedures**
Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2. **Environmental precautions**
Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. **Methods and material for containment and cleaning up**
Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents.

6.4. **Reference to other sections**
Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. **Precautions for safe handling**

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Further information
Vapours are heavier than air. Vapours form explosive mixtures with air.

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

Requirements for storage rooms and vessels
Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRGS 727)".

Hints on joint storage
Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions
Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 35 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. **Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

Occupational exposure limit values

1-metoxi-2-propanol
Index No. 603-064-00-3 / EC No. 203-539-1 / CAS No. 107-98-2

8 ore: 375 mg/m3; 100 ppm
Termen scurt: 568 mg/m3; 150 ppm

acetat de 2-metoxi-1-metiletil
Index No. 607-195-00-7 / EC No. 203-603-9 / CAS No. 108-65-6

8 ore: 275 mg/m3; 50 ppm
Termen scurt: 550 mg/m3; 100 ppm

Acid butandioic, sulfo, ester 1,4-bis(2-etilhexil), sare de sodiu
EC No. 209-406-4 / CAS No. 577-11-7

Termen scurt: 20 mg/m3

Additional information

8 ore : Long-term occupational exposure limit value
Termen scurt : short-term occupational exposure limit value
Ceiling : peak limitation

DNEL:

Masa de reacție a dimetil adipatului și dimetil glutaratului și dimetil succinat
EC No. 906-170-0
DNEL Lung timp inhalativ (local), Muncitori: 8,3 mg/m3
DNEL Lung timp inhalativ (local), Consumator: 5 mg/m3

acetat de 2-metoxi-1-metiletil
Index No. 607-195-00-7 / EC No. 203-603-9 / CAS No. 108-65-6
DNEL Lung timp dermal (sistemic), Muncitori: 796 mg/kg g.c./zi
DNEL Lung timp inhalativ (sistemic), Muncitori: 275 mg/m3
DNEL Lung timp oral (repetata), Consumator: 36 mg/kg g.c./zi
DNEL Lung timp dermal (sistemic), Consumator: 320 mg/kg g.c./zi
DNEL Lung timp inhalativ (local), Consumator: 33 mg/m3
DNEL Lung timp inhalativ (sistemic), Consumator: 33 mg/m3

Dimetil sulfoxid
EC No. 200-664-3 / CAS No. 67-68-5
DNEL Lung timp dermal (sistemic), Muncitori: 400 mg/kg
DNEL Lung timp inhalativ (sistemic), Muncitori: 394 mg/m3
DNEL Lung timp oral (repetata), Consumator: 100 mg/kg
DNEL Lung timp dermal (sistemic), Consumator: 200 mg/kg
DNEL Lung timp inhalativ (sistemic), Consumator: 70 mg/m3

1-metoxi-2-propanol
Index No. 603-064-00-3 / EC No. 203-539-1 / CAS No. 107-98-2
DNEL Lung timp dermal (sistemic), Muncitori: 50,6 mg/kg
DNEL acuta inhalativ (local), Muncitori: 553,5 mg/m3
DNEL Lung timp inhalativ (sistemic), Muncitori: 369 mg/m3
DNEL Lung timp oral (repetata), Consumator: 3,3 mg/kg
DNEL Lung timp dermal (sistemic), Consumator: 18,1 mg/kg
DNEL Lung timp inhalativ (sistemic), Consumator: 43,9 mg/m3

Acid butandioic, sulfo, ester 1,4-bis(2-etilhexil), sare de sodiu
EC No. 209-406-4 / CAS No. 577-11-7
DNEL Lung timp dermal (sistemic), Muncitori: 267,86 mg/kg g.c./zi
DNEL Lung timp inhalativ (sistemic), Muncitori: 1889,1 mg/m3
DNEL Lung timp oral (repetata), Consumator: 17,86 mg/kg g.c./zi
DNEL Lung timp dermal (sistemic), Consumator: 160,71 mg/kg g.c./zi
DNEL Lung timp inhalativ (sistemic), Consumator: 559,01 mg/m3

PNEC:

Masa de reacție a dimetil adipatului și dimetil glutaratului și dimetil succinat
EC No. 906-170-0
PNEC ape, apa dulce: 0,018 mg/L
PNEC ape, apa de mare: 0,0018 mg/L
PNEC ape, emanatie periodica: 0,18 mg/L
PNEC sediment, apa dulce: 0,16 mg/kg
PNEC sediment, apa de mare: 0,16 mg/kg

acetat de 2-metoxi-1-metiletil
Index No. 607-195-00-7 / EC No. 203-603-9 / CAS No. 108-65-6
PNEC ape, apa dulce: 0,635 mg/L
PNEC ape, apa de mare: 0,0635 mg/L
PNEC sediment, apa dulce: 3,29 mg/kg
PNEC sediment, apa de mare: 0,329 mg/kg
PNEC, sol: 0,29 mg/kg
PNEC instalatii de decantare (STP): 100 mg/L

Dimetil sulfoxid
EC No. 200-664-3 / CAS No. 67-68-5
PNEC ape, apa dulce: 17 mg/L
PNEC ape, apa de mare: 1,7 mg/L
PNEC sediment, apa dulce: 13,4 mg/kg
PNEC, sol: 3,02 mg/kg
PNEC instalatii de decantare (STP): 11 mg/L
PNEC Otravire secundara: 700 mg/kg

1-metoxi-2-propanol
Index No. 603-064-00-3 / EC No. 203-539-1 / CAS No. 107-98-2
PNEC ape, apa dulce: 10 mg/L
PNEC ape, apa de mare: 1 mg/L
PNEC ape, emanatie periodica: 100 mg/L
PNEC sediment, apa dulce: 52,3 mg/kg
PNEC sediment, apa de mare: 5,2 mg/kg
PNEC, sol: 4,49 mg/kg
PNEC instalatii de decantare (STP): 100 mg/L

Acid butandioic, sulfo, ester 1,4-bis(2-etilhexil), sare de sodiu
EC No. 209-406-4 / CAS No. 577-11-7
PNEC ape, apa dulce: 0,18 mg/L
PNEC ape, apa de mare: 0,018 mg/L
PNEC sediment, apa dulce: 17,789 mg/kg
PNEC sediment, apa de mare: 1,779 mg/kg
PNEC, sol: 1,04 mg/kg
PNEC instalatii de decantare (STP): 122 mg/L

8.2. **Exposure controls**

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Personal protection equipment

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection

For prolonged or repeated handling the following glove material must be used: KCL Butoject
Thickness of the glove material > 0,4 mm ; Breakthrough time: >480 min.
Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374
Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye/face protection

Wear closely fitting protective glasses in case of splashes.

Body protection

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures
After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls
Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

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

Appearance:	
Physical state:	**Liquid**
Appearance:	**Liquid**
Colour:	**colourless**
Odour:	**type typical**
Odour threshold:	**not determined**
pH at 20 °C:	**not applicable**
Melting point/freezing point:	**not determined**
Initial boiling point and boiling range:	**100 °C** Method: literature value
Flash point:	**52 °C** Method: Pensky-Martens
Evaporation rate:	**not determined**
flammability	
Burning time:	**not determined**
Upper/lower flammability or explosive limits:	
Lower explosion limit:	**1,56 Vol-%** Method: calculated
Upper explosion limit:	**28,5 Vol-%** Method: calculated
Vapour pressure at 20 °C:	**13,3 mbar** Method: literature value
Vapour density:	**not determined**
Relative density:	
Density at 20 °C:	**1,04 g/cm³** Method: Pycnometer
Relative density at 20 °C::	**not determined**
Solubility(ies):	
Water solubility at 20 °C:	**emulsified**
Partition coefficient: n-octanol/water:	**see section 12**
Auto-ignition temperature:	**270 °C** Method: literature value
Decomposition temperature:	**not determined**
Viscosity at 20 °C:	**< 12 s 4 mm** Method: DIN 53211
Explosive properties:	**not applicable**
Oxidising properties:	**not applicable**

9.2. **Other information**

Solid content:	**1,34 weight-% / 1,23 L/kg / 1,27 Vol-%** Remark: Solid contentRemark
Solvent:	
Organic solvents:	**98,7 weight-%**
aromatic hydrocarbons:	**0,0 weight-%**
Water:	**0,0 weight-%**
Sustaining combustion:	**Sustaining combustion: Yes, positive.**

SECTION 10: Stability and reactivity

10.1. **Reactivity**
No information available.

10.2. **Chemical stability**
Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. **Possibility of hazardous reactions**
Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. **Conditions to avoid**
Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. **Incompatible materials**
not applicable

10.6. **Hazardous decomposition products**
Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
No data on preparation itself available.

11.1. **Information on toxicological effects**

Acute toxicity

Masa de reacție a dimetil adipatului și dimetil glutaratului și dimetil succinat
oral, LD50, Sobolan: > 5000 mg/kg
dermal, LD50, Sobolan: > 2000 mg/kg
dermal, LD50, Iepuri: > 2250 mg/kg
inhalativ (vapori), CL50, Sobolan: > 11 mg/L (4 h)

acetat de 2-metoxi-1-metiletil
oral, LD50, Sobolan: 6190 mg/kg
Method: OCDE 401
dermal, LD50, Sobolan: > 2000 mg/kg
Method: OCDE 402
dermal, LD50, Iepuri: > 5000 mg/kg
Method: OCDE 402

Dimetil sulfoxid
oral, LD50, Sobolan: 28300 mg/kg
Method: OCDE 401
dermal, LD50, Sobolan: 0 mg/kg
inhalativ (vapori), CL50, Sobolan: 5,33 mg/L (4 h)

1-metoxi-2-propanol
oral, LD50, Sobolan: 4016 mg/kg
dermal, LD50, Sobolan: > 2000 mg/kg

Skin corrosion/irritation; Serious eye damage/eye irritation

Provoacă o iritare gravă a ochilor.

Acid butandioic, sulfo, ester 1,4-bis(2-etilhexil), sare de sodiu
Piele, Iepuri
Method: OCDE 404
Provoacă iritarea pielii.
ochi, Iepuri
Method: OCDE 405
Provoacă leziuni oculare grave..

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Based on available data, the classification criteria are not met.

STOT-single exposure; STOT-repeated exposure

Poate provoca somnolență sau amețeală.

acetat de 2-metoxi-1-metiletil
Toxicitate asupra unui organ ţintă specific (expunere unica), toropeala Evaluation Poate provoca somnolență sau amețeală.

1-metoxi-2-propanol
Toxicitate asupra unui organ ţintă specific (expunere unica), toropeala
Provoaca somnolenta si pierdere constientei.

Aspiration hazard

Based on available data, the classification criteria are not met.

Practical experience/human evidence

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

CAUTION! Solvents can be absorbed through the skin. Under unfavourable circumstances, also other substances (e.g. from the removed remains of paint) can penetrate through the skin.
Therefore, adopt suitable precautions (see Items 8 and 15 in this regard).

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
There is no information available on the preparation itself .
Do not allow to enter into surface water or drains.

12.1. **Toxicity**

Masa de reacție a dimetil adipatului și dimetil glutaratului și dimetil succinat
Toxicitatea pestelui, CL50, Peste: Dickkopfelritze (Pimephales promelas) 18 - 24 mg/L (96 h)
Toxicitate dafnia, EC50, Daphnia magna (Puricele mare de apa) 112 - 150 mg/L (48 h)
Toxicitate algelor, ErC50, Pseudokirchneriella subcapitata: > 85 mg/L (72 h)

acetat de 2-metoxi-1-metiletil
Toxicitatea pestelui, CL50, Oncorhynchus mykiss (Pastravul curcubeu): > 100 mg/L (96 h)
Method: OCDE 203
Toxicitate dafnia, EC50, Daphnia magna (Puricele mare de apa): > 500 mg/L (48 h)
Method: OCDE 202
Toxicitate algelor, ErC50, Scenedesmus capricornutum: > 1000 mg/L (72 h)
Method: OCDE 201

Dimetil sulfoxid
Toxicitate dafnia, EC50, Daphnia magna (Puricele mare de apa): 24600 mg/L (48 h)
Method: OCDE 202
Toxicitate algelor, ErC50, Pseudokirchneriella subcapitata: 17000 mg/L (72 h)
Method: OCDE 201
Toxicitatea pestelui, IC50:, Danio rerio: > 25000 mg/L (96 h)
Method: OCDE 203
Namol activ, EC50: 10 mg/L 100 (30 Minute)
Method: ISO 8192

Long-term Ecotoxicity

acetat de 2-metoxi-1-metiletil
Toxicitatea pestelui, NOEC, Oryzias latipes (Peste, nume lat. Oryzias dancena): 47,5 mg/L (14 d)
Method: OCDE 204
Toxicitate dafnia, NOEC, Daphnia magna (Puricele mare de apa): > 100 mg/L (21 d)

Method: OCDE 202

12.2. **Persistence and degradability**

Masa de reacție a dimetil adipatului și dimetil glutaratului și dimetil succinat
Biodegradare: 97 % (28 Zile); Evaluation Usor biodegradabil (conform criteriilor OCDE).

acetat de 2-metoxi-1-metiletil
Biodegradare: 83 (28 D); Evaluation Usor biodegradabil (conform criteriilor OCDE).
Method: OECD 301F / ISO 9408 / EWG 92/69 Anexa V, C.4-D

Dimetil sulfoxid
Apă, Biodegradare: 31 % (28 Zile); Evaluation Nu este usor biodegradabil (conform criteriilor OCDE)
Method: OCDE 301D/ EEC 92/69/V, C.4-E
Comportarea in instalatii de decantare: 90,4 % (32 Zile)
Method: OCDE 303/ EEC 92/69/V, C10

12.3. **Bioaccumulative potential**

Masa de reacție a dimetil adipatului și dimetil glutaratului și dimetil succinat
Coeficientul de partiție: n-octanol/apă: 1,4

acetat de 2-metoxi-1-metiletil
Coeficientul de partiție: n-octanol/apă: 1,2
Method: OCDE 117

Dimetil sulfoxid
Coeficientul de partiție: n-octanol/apă: -1,35

1-metoxi-2-propanol
Coeficientul de partiție: n-octanol/apă: -0,44

Bioconcentration factor (BCF)

Acid butandioic, sulfo, ester 1,4-bis(2-etilhexil), sare de sodiu
Factor de bioconcentratie (FBC): 9,33

12.4. **Mobility in soil**
Toxicological data are not available.

12.5. **Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. **Other adverse effects**
No information available.

SECTION 13: Disposal considerations

13.1. **Waste treatment methods**

Appropriate disposal / Product
Recommendation
Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Waste water with paint remover:
Always collect the waste water and run it through a filter, gravel trap, sand trap, etc., in order to remove solid particles. Caution in case of a channel separation system. Obtain information from the relevant authorities. After inquiring with the local authorities, waste water can usually be directed into the sewerage system.

Paint sludge:
The separated paint sludge is considered domestic or special waste (heavy metals?) according to its composition.

Control report for waste code/ waste marking according to EAKV:
200129* Detergents containing hazardous substances
*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

Appropriate disposal / Package
Recommendation
Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

14.1. **UN number**

UN 1263

14.2. **UN proper shipping name**

Land transport (ADR/RID):	FARBZUBEHÖRSTOFFE
Sea transport (IMDG):	PAINT RELATED MATERIAL
Air transport (ICAO-TI / IATA-DGR):	Paint related material

14.3. **Transport hazard class(es)**

3

14.4. **Packing group**

III

14.5. **Environmental hazards**

Land transport (ADR/RID)	not applicable
Marine pollutant	not applicable

14.6. **Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.
Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code	D/E

Sea transport (IMDG)

EmS-No.	F-E, S-D

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

not applicable

SECTION 15: Regulatory information

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

EU legislation

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]
VOC-value (in g/L): 673,8

National regulations

Restrictions of occupation
Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

15.2. **Chemical Safety Assessment**
For the following substances of this mixture a chemical safety assessment has been carried out:

EC No. CAS No.	Designation	REACH No.
203-539-1 107-98-2	1-metoxi-2-propanol	01-2119457435-35-0000
203-603-9 108-65-6	acetat de 2-metoxi-1-metiletil	01-2119475791-29-0000
209-406-4 577-11-7	Acid butandioic, sulfo, ester 1,4-bis(2-etilhexil), sare de sodiu	01-2119491296-29-0000

SECTION 16: Other information

Full text of classification in section 3:

Flam. Liq. 3 / H226	Substante lichide inflamabile	Lichid și vapori inflamabili.
STOT SE 3 / H336	STOT (toxicitate asupra organelor țintă specifice) – expunere unică	Poate provoca somnolență sau amețeală.
Skin Irrit. 2 / H315	Corodarea/iritarea pielii	Provoacă iritarea pielii.
Eye Dam. 1 / H318	Lezarea gravă/iritarea ochilor	Provoacă leziuni oculare grave.

Classification procedure
Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 3	Substante lichide inflamabile	Pe baza datelor colectate în timpul testului.

Eye Irrit. 2	Lezarea gravă/iritarea ochilor	Metoda de calcul.
STOT SE 3	STOT (toxicitate asupra organelor țintă specifice) – expunere unică	Metoda de calcul.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations.Without written approval, the product must not be used for purposes different from those mentioned in section 1.It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations.The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.