

Safety data Sheet According to regulation (EC) No 1907/2006 (REACH)

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STAINEX-CARE

Supplier: Drizign Pty Ltd
ABN 66 085 088 580
43 Henderson Rd
Clayton North Vic 3168
Ph.: 61 3 9562 5244 Fax: 61 3 95625277
Email: contactus@drizign.com

Emergency 24 Hour Telephone:

Poison Information Service: 13 11 26
Fire Brigade: 000
Police: 000

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

Product Name: **STAINEX-CARE**
Recommended Use: Use for the preparation cleaner

2: Hazards identification

2.1 Classification of the substance or mixture

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

Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

2.2 Label elements

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

Hazard pictograms



Health hazard (GHS08) · Corrosion (GHS05)

Signal word

Danger

Hazard components for labelling

WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5

Hazard statements

H304 May be fatal if swallowed and enters airways.

H318 Causes serious eye damage.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/....

P331 Do NOT induce vomiting.



P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard information (EU)

EUH066

Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

None

3: Composition / information on ingredients**3.2 Mixtures****Hazardous ingredients**

WHITE MINERAL OIL (PETROLEUM) ; REACH registration No. : 01-2119487078-27-XXXX ; EC No. : 232-455-8; CAS No. : 8042-47-5

Weight fraction : $\geq 50 - < 100$ %

Classification 1272/2008 [CLP] : Asp. Tox. 1 ; H304

2-(2-BUTOXYETHOXY)ETHANOL ; REACH registration No. : 01-2119475104-44-XXXX ; EC No. : 203-961-6; CAS No. : 112-34-5

Weight fraction : $\geq 25 - < 50$ %

Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

ISOTRIDECANOL, ETHOXYLATED ; REACH registration No. : 01-2119976362-32-XXXX ; EC No. : 500-241-6; CAS No. : 69011-36-5

Weight fraction : $\geq 1 - < 5$ %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

Additional information

Full text of H- and EUH-phrases: see section 16.

4: First aid measures**4.1 Description of first aid measures General information**

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

In case of respiratory tract irritation, consult a physician. Remove casualty to fresh air and keep warm and at rest.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. Rub greasy ointment into the skin.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Causes serious eye damage. Repeated exposure may cause skin dryness or cracking.

4.3 Indication of any immediate medical attention and special treatment needed

None

5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**Water Foam Extinguishing powder Carbon dioxide (CO₂) Sand Nitrogen Extinguishing blanket**5.2 Special hazards arising from the substance or mixture Hazardous combustion products**Carbon dioxide (CO₂) Carbon monoxide.**5.3 Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing.



5.4 Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet to protect personnel and to cool endangered containers. Move undamaged containers from immediate hazard area if it can be done safely.

6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

6.3 Methods and material for containment and cleaning up

Clear spills immediately. Wipe up with absorbent material (eg. cloth, fleece). Wash with plenty of water. Treat the recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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

Keep container tightly closed.

7.2 Conditions for safe storage, including any incompatibilities

Keep/Store only in original container. Protect against Frost

Hints on joint storage

Storage class (TRGS 510) : 10

Further information on storage conditions

P405 - Store locked up.

7.3 Specific end use(s)

Observe technical data sheet. Observe instructions for use.

8: Exposure controls / personal protection**8.1 Control parameters****Occupational exposure limit values**

2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 10 ppm / 67 mg/m³

Peak limitation : 1,5(l)

Remark : Y

Version : 02.04.2014

Limit value type (country of origin) : STEL (EC)

Limit value : 15 ppm / 101,2 mg/m³

Version : 07.02.2006

Limit value type (country of origin) : TWA (EC)

Limit value : 10 ppm / 67,5 mg/m³

Version : 07.02.2006

DNEL/DMEL and PNEC values**DNEL/DMEL**

Limit value type : DNEL worker (local) (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)

Exposure route : Inhalation

Exposure frequency : Long-term (repeated)

Limit value : 67,5 mg/m³

Limit value type : DNEL worker (local) (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)

Exposure route : Inhalation

Exposure frequency : Short-term (acute)

Limit value : 101,2 mg/m³



Limit value type :	DNEL worker (systemic) (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Exposure route :	Inhalation
Exposure frequency :	Long-term (repeated)
Limit value :	67,5 mg/m ³
Limit value type :	DNEL worker (systemic) (ISOTRIDECANOL, ETHOXYLATED ; CAS No. : 69011-36-5)
Exposure route :	Inhalation
Exposure frequency :	Long-term (repeated)
Limit value :	294 mg/m ³
Limit value type :	DNEL worker (systemic) (ISOTRIDECANOL, ETHOXYLATED ; CAS No. : 69011-36-5)
Exposure route :	Dermal
Exposure frequency :	Long-term (repeated)
Limit value :	2080 mg/kg
Limit value type :	DNEL worker (systemic) (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
Exposure route :	Dermal
Exposure frequency :	Long-term (repeated)
Limit value :	20 mg/kg

8.2 Exposure controls

Personal protection equipment

Eye/face protection



Wear suitable safety goggles in case of splash.

Suitable eye protection

Safety goggles acc. EN 166.

Skin protection

Hand protection



Wear protective gloves in case of longer lasting skin contact.

Suitable gloves type : EN 374.

Suitable material : NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : 480 min.

Thickness of the glove material : 0.4 mm

Remark : The exact break through time has to be requested from the protective glove manufacturer and limits has to be ensured.

Respiratory protection



Respiratory protection necessary at: exceeding exposure limit values

Suitable respiratory protection apparatus

Combination filtering device (EN 14387)

Type : A

Remark

Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

General health and safety measures

Do not put any product-impregnated cleaning rags into your trouser pockets. When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. P362 - Take off contaminated clothing. P264 - Wash hands thoroughly after handling.



8.3 Additional information

No tests have been performed. Selection made for preparations according to the best available knowledge and information on ingredients. In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use.

9: Physical and chemical properties**9.1 Information on basic physical and chemical**

properties Appearance : liquid

Colour : clear

Odour : characteristic

Safety relevant basis data

Flash point : ca. 130 °C

Ignition temperature : not relevant

Lower explosion limit : not relevant

Upper explosion limit : not relevant

Vapour pressure : (50 °C) < 0,1 hPa

Density : (20 °C) ca. 0,86 g/cm³

pH : not applicable

Viscosity : (20 °C) ca. 258 mPa.s

Maximum VOC content (EC) : 0 Wt%

Maximum VOC content (Switzerland) : 33 Wt%

9.2 Other information

None

10: Stability and reactivity**10.1 Reactivity**

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

11: Toxicology information**11.1 Information on toxicological effects****Acute effects****Acute oral toxicity**

Parameter :	ATEmix calculated
Exposure route :	Oral
Effective dose :	> 2000 mg/kg
Parameter :	LD50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg
Method :	OECD 401
Parameter :	LD50 (ISOTRIDEKANOL, ETHOXYLATED ; CAS No. : 69011-36-5)



Exposure route : Oral
 Species : Rat
 Effective dose : > 2000 mg/kg
 Method : OECD 423

Parameter : LD50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
 Exposure route : Oral
 Species : Mouse
 Effective dose : 5530 mg/kg
 Method : OECD 401

Acute dermal toxicity

Parameter : ATEmix calculated
 Exposure route : Dermal
 Effective dose : > 2000 mg/kg

Parameter : LD50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
 Exposure route : Dermal
 Species : Rabbit
 Effective dose : > 5000 mg/kg
 Method : OECD 402

Parameter : LD50 (ISOTRIDECANOL, ETHOXYLATED ; CAS No. : 69011-36-5)
 Exposure route : Dermal
 Species : Rat
 Effective dose : > 2000 mg/kg
 Method : OECD 402

Parameter : LD50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
 Exposure route : Dermal
 Species : Rabbit
 Effective dose : 2764 mg/kg
 Method : OECD 402

Acute inhalation toxicity

Parameter : ATEmix calculated
 Exposure route : Inhalation
 Effective dose : > 20 mg/l

Parameter : LC50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
 Exposure route : Inhalation
 Species : Rat
 Effective dose : > 5000 mg/m³
 Exposure time : 4 h
 Method : OECD 403

Parameter : LC50 (ISOTRIDECANOL, ETHOXYLATED ; CAS No. : 69011-36-5)
 Exposure route : Inhalation
 Species : Rat
 Effective dose : > 1600 mg/m³
 Exposure time : 4 h
 Method : OECD 403

11.2 Toxicokinetics, metabolism and distribution

There are no data available on the preparation/mixture itself.

11.3 Other adverse effects

Has degreasing effect on the skin. Frequently or prolonged contact with skin may cause dermal irritation.

11.4 Additional information

Preparation not tested. The statement is derived from the properties of the single components.

12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
 Species : Lepomis macrochirus (Bluegill)
 Evaluation parameter : Acute (short-term) fish toxicity
 Effective dose : 1300 mg/l
 Exposure time : 96 h
 Method : OECD 203

Parameter : LC50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
 Species : Leuciscus idus (golden orfe)
 Evaluation parameter : Acute (short-term) fish toxicity
 Effective dose : > 100 mg/l
 Exposure time : 96 h
 Evaluation : Harmless to fish up to the concentration tested.
 Method : OECD 203



Parameter : LC50 (ISOTRIDECANOL, ETHOXYLATED ; CAS No. : 69011-36-5)
 Species : Oncorhynchus mykiss (Rainbow trout)
 Evaluation parameter : Acute (short-term) fish toxicity
 Effective dose : > 5,18 mg/l
 Exposure time : 96 h
 Method : OECD 203

Parameter : LC50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
 Species : Daphnia magna (Big water flea)
 Evaluation parameter : Acute (short-term) daphnia toxicity
 Effective dose : > 100 mg/l
 Exposure time : 48 h
 Evaluation : Harmless to daphnia up to the tested concentration.
 Method : OECD 202
 Parameter : EC50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
 Species : Daphnia magna (Big water flea)
 Evaluation parameter : Chronic (long-term) daphnia toxicity
 Effective dose : > 1000 mg/l
 Exposure time : 21 d
 Method : OECD 211

Acute (short-term) daphnia toxicity

Parameter : EC50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
 Species : Daphnia magna (Big water flea)
 Evaluation parameter : Acute (short-term) daphnia toxicity
 Effective dose : > 100 mg/l
 Exposure time : 48 h
 Method : OECD 202
 Parameter : EC50 (ISOTRIDECANOL, ETHOXYLATED ; CAS No. : 69011-36-5)
 Species : Daphnia magna (Big water flea)
 Evaluation parameter : Acute (short-term) daphnia toxicity
 Effective dose : > 1,5 mg/l
 Exposure time : 48 h

Acute (short-term) algae toxicity

Parameter : EC50 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
 Species : Scenedesmus subspicatus
 Evaluation parameter : Acute (short-term) algae toxicity
 Effective dose : > 100 mg/l
 Exposure time : 48 h
 Method : OECD 201
 Parameter : EC50 (ISOTRIDECANOL, ETHOXYLATED ; CAS No. : 69011-36-5)
 Species : Desmodesmus subspicatus
 Evaluation parameter : Acute (short-term) algae toxicity
 Effective dose : > 1 - 10 mg/l
 Exposure time : 72 h
 Method : OECD 201

Bacteria toxicity

Parameter : EC50 (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
 Species : Bacteria toxicity
 Effective dose : > 1000 mg/l
 Exposure time : 40 h
 Parameter : EC50 (ISOTRIDECANOL, ETHOXYLATED ; CAS No. : 69011-36-5)
 Species : Pseudomonas putida
 Evaluation parameter : Bacteria toxicity
 Effective dose : > 10000 mg/l
 Method : DIN 38412 / part 8
 Parameter : EC10 (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
 Species : Bacteria toxicity
 Effective dose : > 1995 mg/l
 Exposure time : 30 min

12.2 Persistence and degradability**Biodegradation**

Parameter : Biodegradation (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
 Inoculum : Biodegradation
 Effective dose : 90 - 100 %
 Exposure time : 14 d
 Evaluation : Readily biodegradable (according to OECD criteria).
 Method : OECD 301E/ EEC 92/69/V, C.4-B
 Parameter : Biodegradation (WHITE MINERAL OIL (PETROLEUM) ; CAS No. : 8042-47-5)
 Inoculum : Degree of elimination
 Evaluation parameter : Aerobic
 Effective dose : 24 %
 Exposure time : 28 d
 Method : OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C
 Parameter : Biodegradation (2-(2-BUTOXYETHOXY)ETHANOL ; CAS No. : 112-34-5)
 Inoculum : Biodegradation
 Effective dose : 90 - 100 %
 Exposure time : 8 d

Evaluation : Readily biodegradable (according to OECD criteria).
 Method : OECD 302B/ ISO 9888/ EEC 92/69/V, C.9

Parameter : DOC reduction (ISOTRIDEKANOL, ETHOXYLATED ; CAS No. : 69011-36-5)
 Inoculum : Biodegradation
 Evaluation parameter : Aerobic
 Effective dose : 82 %
 Exposure time : 28 d
 Evaluation : Readily biodegradable (according to OECD criteria).
 Method : OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C

According to the recipe, contains no AOX. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

13: Disposal considerations

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to

EWG/AVV Waste code product

07 06 99 - wastes not otherwise specified.

Waste code packaging

15 01 02 - plastic packaging.

Waste treatment options

Appropriate disposal / Package

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

Other disposal recommendations

P501 - Dispose of contents/container to industrial incineration plant.

13.2 Additional information

These codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use.

14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None



15: Regulatory information

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

EU legislation

Other regulations (EU)

Restrictions of occupation

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

National regulations

AT: Labelling according to Austrian regulations (Chemikaliengesetz/ChemV).

CH: Chemikalienverordnung (ChemV) and Chemikalien-Risikoreduktions-Verordnung (Chem RRV) are complied.

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibition

regulations Betriebssicherheitsverordnung

(BetrSichV)

No flammable liquid according to BetrSichV.

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

16: Other Information

16.1 Indication of changes

02. Classification of the substance or mixture - 02. Label elements

16.2 Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

AOX: adsorbable organohalogenes

CAS: Chemical Abstracts Service (division of the American Chemical Society) CLP: Classification Labelling and Packaging

(Regulation (EC) No. 1272/2008) EAK / AVV: europäischer

Abfallschlüsselkatalog (european waste catalogue) EINECS:

European Inventory of Existing Commercial Chemical Substances

GHS: Globally Harmonized System of Classification and Labelling

of Chemicals IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

IMDG: International Maritime Code for

Dangerous Goods RCP: reciprocal

calculation procedure

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

TRGS: Technische Regel für den Umgang mit

Gefahrstoffen VbF: Verordnung über brennbare

Flüssigkeiten

VOC: volatile organic compound

VwVwS: Verwaltungsvorschrift

wassergefährdender Stoffe WGK:

Wassergefährdungsklasse (water hazardous class)

16.3 Key literature references and sources for data

DGUV: GESTIS-Stoffdatenbank

ECHA: Classification And

Labelling Inventory ECHA:

Registered Substances

ECHA: Registered

Substances EC_Safety

Data Sheet of

Suppliers

ESIS: European Chemical Substances

Information System GDL:

Gefahrstoffdatenbank der Länder

UBA Rigoletto: Wassergefährdende Stoffe



16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

END DOCUMENT

