

Isotect WSD 212

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SECTION 1: Identification of the substance or mixture and of the company

1.1. Product identifier

Article no. (Manufacturer / supplier) trade name / designation 713076
Isotect WSD 212

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

Relevant identified uses Anti-corrosive agents
Industrial use

1.3. Details of the supplier who provides the safety data sheet Supplier

(**manufacturer / importer / downstream user / dealer**) imt Zinssmeister
OHG

Frauenwaldstrasse 11
82383 Hohenpeissenberg

Information department: Phone: +49 8805 95990-29 | Fax: +49 8805 95990-28 | info@imt-zinssmeister.de

Email (competent person)

1.4. Emergency number

Emergency number

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 dangerous according to regulation (EC) No. 1272/2008 [CLP].

Flam. Liq. 3 / H226	Flammable liquids Respiratory or skin sensitization	Flammable liquid and vapor. May cause an allergic skin reaction.
Skin Sens. 1 / H317		
Asp. Tox. 1 / H304	Aspiration hazard	Can be fatal if swallowed and enters airways.
Aquatic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms



danger

Hazard warnings

H226 Flammable liquid and vapor.
H317 May cause an allergic skin reaction.
H304 Can be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

safety instructions

P210 Keep away from heat, hot surfaces, sparks, open flames and other types of ignition sources. Do not smoke.
P261 Avoid inhalation of dust / smoke / gas / mist / vapor / aerosol.
P273 Avoid release to the environment.
P280 Wear protective gloves / protective clothing / eye protection / face protection. IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
P301 + P310 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Wash skin [or shower] with water.
P303 + P361 + P353
P331 DO NOT induce vomiting.

Hazardous components for labeling

Alkaline earth sulfonate

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C10-C12 isoalkanes

Supplementary hazard characteristics

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other dangers

There is no information.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

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

EC no. CAS no. Index no.	REACH no. description Classification: // Note	Wt%
923-037-2 68551-16-6	01-2119471991-29 C10-C12 isoalkanes Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / Aquatic Chronic 2 H411	25 <40
236-757-0 13475-82-6	01-2119490725-29 Pentamethylheptanes Flam. Liq. 3 H226 / Asp. Tox. 1 H304 / Aquatic Chronic 4 H413	25 <40
939-717-7	01-2119980985-16 Alkaline earth sulfonate Eye irrit. 2 H319 / Skin Irrit. 2 H315	2.5 <3
203-961-6 112-34-5 603-096-00-8	01-2119475104-44 2- (2-butoxyethoxy) ethanol Eye Irrit. 2 H319	1 <2.5
939-603-7	01-2119978241-36 Alkaline earth sulfonate Skin Sens. 1B H317	1 <2.5
251-846-4 34140-91-5	01-2119974119-29 Fatty amine salt oleate Skin irritation. 2 H315 / Eye Irrit. 2 H319 / Aquatic Acute 1 H400 (M = 10) / STOT RE 2 H373 / Aquatic Chronic 2 H411	0.25 <1

Additional information

Wording of the H-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of the first aid measures

General information

Get medical advice if symptoms occur or if in doubt. If you are unconscious, do not give anything by mouth, position yourself on your side and seek medical advice.

After inhalation

Take affected person into fresh air and keep them warm and calm. If breathing is irregular or has stopped breathing, initiate artificial respiration.

after skin contact

Take off dirty, soaked clothes immediately. In case of contact with skin, wash off immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse gently with water for a few minutes. Remove any existing contact lenses if possible. Continue rinsing. Get medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the casualty is conscious). Get medical advice immediately. Keep affected person calm.

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

Get medical advice if symptoms occur or if in doubt.

4.3. Indication of immediate medical attention or special treatment

Elementary aid, decontamination, symptomatic treatment.

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SECTION 5: Fire fighting measures

5.1. Extinguishing agent

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Suitable extinguishing media

alcohol-resistant foam, carbon dioxide, powder, spray mist, (water)

Unsuitable extinguishing media

sharp jet of water

5.2. Special hazards arising from the substance or mixture

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Inhaling dangerous decomposition products can cause serious damage to health.

5.3. Advice for firefighters

Have breathing apparatus ready. Cool closed containers in the vicinity of the source of fire with water. Do not allow extinguishing water to enter sewers, soil or waterways. If it can be done without risk, remove undamaged containers from the danger zone.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the affected area.

6.2. Environmental protection measures

Do not discharge into drains or rivers. If rivers, lakes or sewers are contaminated, inform the relevant authorities in accordance with local laws.

6.3. Methods and material for containment and cleaning up

Contain leaked material with non-flammable absorbent material (e.g. sand, earth, vermiculite, kieselguhr) and collect it in the containers provided for disposal in accordance with local regulations (see Section 13).

6.4. Reference to other sections

See protective measures under point 7 and 8. FIG.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

*

advice for safe handling

Avoid contact with skin, eyes and clothes. Do not eat, drink or smoke at work. Personal protective equipment: see section 8. Never empty containers with pressure - no pressure vessels! Always keep in containers made from the same material as the original container. Follow legal protection and safety regulations.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Storage in accordance with the industrial safety regulations. Keep container tightly closed. Never empty containers with pressure - not a pressure vessel! No Smoking. No access for unauthorized persons. Store container carefully closed in an upright position to prevent any leakage.

Further information on storage conditions

Store in well-ventilated and dry rooms between 5 ° C and 30 ° C. Keep container tightly closed. No Smoking. No access for unauthorized persons. Store container carefully closed in an upright position to prevent any leakage.

Storage class

TRGS 510: 3 Flammable Liquids

7.3. Specific end uses

Observe the technical data sheet.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters Occupational

*

exposure limit values:

Pentamethylheptanes

EC no. 236-757-0 / CAS No. 13475-82-6

TRGS 900, AGW, long-term value: 300 mg /

m³ TRGS 900, AGW, short-term value: 600

mg / m³ Note: (C9-C14 aliphatic)

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2- (2-butoxyethoxy) ethanol

Index no. 603-096-00-8 / EC No. 203-961-6 / CAS No. 112-34-5

TRGS 900, AGW, long-term value: 67 mg / m³; 10 ppm

TRGS 900, AGW, short-term value: 100.5 mg / m³; 15

ppm Note: (aerosol and vapor)

Additional information

Long-term value: Long-term occupational exposure

limit value Short-term value: Short-term occupational

exposure limit value Peak limitation: Peak limitation

8.2. Limitation and monitoring of exposure

Provide good ventilation. This can be achieved by local or room extraction. **Personal**

*

protective equipment

Respiratory protection

Avoid inhalation of aerosol.

Hand protection

For longer or repeated handling, the glove material must be used: NBR (nitrile rubber), PVC (polyvinyl chloride), CR (polychloroprene, chloroprene rubber). Barrier creams can help protect exposed areas of the skin. They should never be used after contact.

Eye / face protection

Wear tightly fitting protective goggles if there is a risk of splashing.

Body armor

Wear suitable protective gloves and protective clothing.

Protective measures

After contact, clean the skin thoroughly with soap and water or use a suitable cleaning agent.

Limitation and monitoring of the environmental exposition

Do not discharge into drains or rivers. See section 7. No further measures are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

State of aggregation:

Fluid

Colour:

light brown

Odor:

characteristic

Odor threshold:

No data available

pH value at 20 ° C:

not applicable

Method: DIN 51369

Melting point / freezing point: Initial

No data available

boiling point and boiling range:

No data available

Flash point:

> 40 ° C

Method: DIN 51755

Evaporation rate:

No data available

Flammability

Burning time:

No data available

Upper / lower flammability or explosive limits:

Lower explosion limit:

No data available

Upper explosion limit:

No data available

Vapor pressure at 20 ° C:

No data available

Vapor density:

No data available

Relativ density:

Density at 20 ° C:

0.791 g / cm³

Method: DIN 51757

Solubility (ies):

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Water solubility at 20 ° C: Partition coefficient n-octanol / water:	not applicable
Auto-ignition temperature:	not determined
Decomposition temperature:	No data available
Viscosity at 20 ° C:	3.2 Method: mm ² / s DIN 51562/1
Explosive properties: Oxidising properties:	No data available No data available

9.2. Other Information

Pour point: <= - 30 ° C

The product contains VOC substances. Depending on the application, the corresponding laws and regulations must be observed!

SECTION 10: Stability and reactivity

10.1. Reactivity

There is no information. none, if used properly

10.2. Chemical stability

Stable when using the recommended rules for storage and handling. Further information on proper storage: see section 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents in order to avoid exothermic reactions.

10.4. Conditions to Avoid

Stable when using the recommended rules for storage and handling. For more information about proper storage, see Section 7. At high temperatures, hazardous decomposition products can be formed.

10.5. Incompatible materials

not applicable

10.6. Hazardous decomposition products

Hazardous decomposition products can be formed at high temperatures, e.g. carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

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

11.1. Information on toxicological effects

acute toxicity

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

Skin corrosion / irritation; Serious eye damage / irritation

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

Respiratory / skin sensitization

May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

Specific target organ toxicity after single exposure; Specific target organ toxicity after repeated exposure

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

Aspiration hazard

Can be fatal if swallowed and enters airways.

Practical / human experience

Summary assessment of the CMR properties

The ingredients of this mixture do not meet the criteria for CMR categories 1A or 1B according to CLP.

SECTION 12: Ecological information

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

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Do not discharge into drains or rivers.

12.1. toxicity

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

Long term ecotoxicity

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

Bioconcentration Factor (BCF)

Toxicological data are not available.

12.4. Mobility in the soil

Toxicological data are not available. **Results of**

12.5. the PBT and vPvB assessment

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

12.6. Other harmful effects

There is no information.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / product recommendation

Do not discharge into drains or rivers. Waste and containers must be disposed of in a safe manner. Disposal in accordance with Directive 2008/98 / EC on waste and hazardous waste.

List of suggestions for waste codes / waste designations according to EAKV

130899 *

Wastes not otherwise specified

* Hazardous waste according to Directive 2008/98 / EC (Waste Framework Directive).

Appropriate disposal / packaging recommendation

Untaminated and completely emptied packaging can be recycled. Containers that have not been properly emptied are hazardous waste.

SECTION 14: Transport information

14.1. UN number

UN 3295

14.2. UN proper shipping name

Land transport (ADR / RID):

HYDROCARBONS, LIQUID, NAG (isoparaffins)

Sea transport (IMDG):

HYDROCARBONS, LIQUID, NOS (i-paraffines)

Air transport (ICAO-TI / IATA-DGR):

Hydrocarbons, liquid, nos (i-paraffines)

14.3. Transport hazard classes

3

14.4. Packing group

III

14.5. Environmental hazards

Land transport (ADR / RID)

ENVIRONMENTALLY DANGEROUS

Marine pollutant

p / alkylpropylene diamine

14.6. Special precautionary measures for the user

Always transport in closed, upright and secure containers. Make sure people transporting the product know what to do in the event of an accident or leak.

Advice on safe handling: see sections 6 - 8

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More information

Land transport (ADR /

RID) Tunnel restriction code D / E

Sea transport (IMDG)

EmS no. FE, SD
Separation group IMDG Code segregation group - None

- 14.7. **Transport in bulk according to Annex II of MARPOL73 / 78 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 regulations

National regulations

Notes on employment restrictions

Observe employment restrictions according to the Maternity Protection Directive (92/85 / EEC) for expectant or nursing mothers.
Observe employment restrictions according to the Youth Labor Protection Act (94/33 / EG).

Water hazard class

according to AwSV, Annex 1 (5.2): 2

Industrial safety regulations (BetrSichV)

Flammable liquid and vapor.

Substance / product listed in the following national inventories:

All raw materials contained are listed in the American TSCA or exempted from it.

- 15.2. **Chemical safety assessment** *

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Complete wording of the classification from Section 3

Flam. Liq. 3 / H226	Flammable liquids	Flammable liquid and vapor. Can be fatal if swallowed and enters airways.
Asp. Tox. 1 / H304	Aspiration hazard	
Aquatic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long lasting effects.
Aquatic Chronic 4 / H413	Hazardous to the aquatic environment	May be harmful to aquatic organisms with long-term effects.
Eye irrit. 2 / H319 Skin Irrit. 2 / H315 Skin Sens. 1B / H317	Serious eye damage / irritation. Skin corrosion / irritation. Sensitization of respiratory tract or skin	Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction.
Aquatic Acute 1 / H400 STOT RE 2 / H373	Hazardous to the aquatic environment Specific target organ toxicity after repeated exposure	Very toxic to aquatic organisms. May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause this hazard).

Classification procedure

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

Flam. Liq. 3 Flammable liquids Respiratory or skin On the basis of test data.
Skin Sens. 1 sensitization Calculation method.

Asp. Tox. 1 Aspiration hazard Calculation method.
Aquatic Chronic 2 Hazardous to the aquatic environment Calculation method.

Abbreviations and acronyms

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

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AGW	Occupational exposure limit
BGW	Biological limit value
CAS	Chemical Abstracts Service Classification, Labeling
CLP	and Packaging Carcinogenic, mutagenic and / or
CMR	toxic to reproduction
DIN	German Institute for Standardization / Norm of the German Institute for
DNEL	Standardization Derived no-effect concentration
EAKV	Regulation introducing the European Waste Catalog Effective
EC	Concentration
EG	European Community
EN	European Standard
IATA-DGR	Association for International Air Transport - Dangerous Goods Regulations
IBC code	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
ICAO-TI	Technical instructions of the International Civil Aviation Organization (ICAO) Regulations governing the carriage of dangerous goods by air
IMDG code	International Code for the Carriage of Dangerous Goods by Sea Ships
ISO	International Organization for Standardization
LC	Lethal concentration
LD	Lethal dose
MAK	Maximum workplace concentration
MARPOL	International Convention for the Prevention of Pollution from Ships Organization for
OECD	Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic.
PNEC	Estimated no-effect concentration
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals Regulations on
RID	the International Carriage of Dangerous Goods by Rail United Nations
U.N.	
VOC	Volatile organic compounds very
vPvB	persistent and very bioaccumulative

More information

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

The information in this safety data sheet corresponds to our current level of knowledge as well as national and EU regulations. The product may not be used for any purpose other than that specified in Section 1 without written approval. It is always the responsibility of the user to take all necessary measures to meet the requirements set out in local rules and laws. The information in this safety data sheet describes the safety requirements of our product and does not represent an assurance of product properties.

* Data compared to the previous version changed