

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TM DESANA MAX FP

Version number: GHS 1.0

Date of compilation: 2017-07-21

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

1.1 Product identifier

Trade name **TM DESANA MAX FP**
Registration number (REACH) not relevant (mixture)

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

Relevant identified uses cleaning agent
professional use
industrial use
Uses advised against do not use for squirting or spraying
do not use for products which come into direct contact with the skin

1.3 Details of the supplier of the safety data sheet

Thonhauser GmbH
Perlhofgasse 2/1
2372 Giesshübl/Wien
Austria

Telephone: +43 (0)2236 320 272
Telefax: +43 (0)2236 320 273
e-mail: QA@thonhauser.net
Website: www.thonhauser.net
e-mail (competent person)

QA@thonhauser.net (Herr Dr. Daniel Herzog)

1.4 Emergency telephone number

Manufacturer **+43 699 141 80 200**
Mon - Thu 07:00 - 15:00, Fri 07:00 - 13:00

Poison centre & Emergency information service

| | | |
|----------------|--------------------------------|-----------------|
| United Kingdom | CHEMTREC UK 24/7 CCN 819393 | +44 870 8200418 |
|----------------|--------------------------------|-----------------|

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

| Section | Hazard class | Cat-egory | Hazard class and category | Hazard state-ment |
|---------|-----------------------------------|-----------|---------------------------|-------------------|
| 3.2 | Skin corrosion/irritation | 1A | Skin Corr. 1A | H314 |
| 3.3 | Serious eye damage/eye irritation | 1 | Eye Dam. 1 | H318 |
| 3.4R | Respiratory sensitisation | 1 | Resp. Sens. 1 | H334 |
| 3.4S | Skin sensitisation | 1 | Skin Sens. 1 | H317 |

For full text of H-phrases: see SECTION 16.

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The most important adverse physicochemical, human health and environmental effects

Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis.

2.2 Label elements

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

- Signal word **danger**

- Pictograms

GHS05, GHS08



- Hazard statements

H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

- Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.

- Hazardous ingredients for labelling sodium hydroxide, disodium peroxodisulphate

2.3 Other hazards

There is no additional information.

SECTION 3: Composition/information on ingredients

3.1 Substances

not relevant (mixture)

3.2 Mixtures

Description of the mixture

| Name of substance | Identifier | Conc. | Classification acc. to GHS | Pictograms |
|--------------------------------|---|---------------|--|---|
| Sodium hydroxide | CAS No 1310-73-2 EC No 215-185-5 | 50 – < 75 wt% | Met. Corr. 1 / H290 Skin Corr. 1A / H314 Eye Dam. 1 / H318 |  |
| Potassium nitrate | CAS No 7757-79-1 EC No 231-818-8 | 5 – < 10 wt% | Ox. Sol. 3 / H272 |  |
| Disodium peroxodi- sulphate | CAS No 7775-27-1 EC No 231-892-1 | 5 – < 10 wt% | Ox. Sol. 3 / H272 Acute Tox. 4 / H302 Skin Irrit. 2 / H315 Eye Irrit. 2 / H319 Resp. Sens. 1 / H334 Skin Sens. 1 / H317 STOT SE 3 / H335 |  |

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For full text of abbreviations: see SECTION 16.

Regulation 648/2004/EC on detergents

| Labelling of contents | |
|-----------------------|-----------------------------|
| Constituents | Weight % content (or range) |
| Phosphates | 30 % and more |

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

Following skin contact

Brush off loose particles from skin. Rinse skin with water/shower.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

water, foam, alcohol resistant foam, ABC-powder

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Deposited combustible dust has considerable explosion potential.

Hazardous combustion products

nitrogen oxides (NO_x), phosphorus oxides (P_xO_y)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

covering of drains, take up mechanically

Advices on how to clean up a spill

Take up mechanically. Absorbents and binders, neutralising agents.

Appropriate containment techniques

Neutralisation techniques.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Incompatible substances or mixtures: see section 7.

Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment.

- Specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

- Handling of incompatible substances or mixtures

Do not mix with acids.

- Keep away from

acids

- Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Removal of dust deposits.

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- Incompatible substances or mixtures

Prohibition of joint storage (with): acids

- Floors

The materials shall display sufficient resistance to the prevalent chemical conditions (Caustic solutions).

- Protect against external exposure, such as

frost

- Consideration of other advice

Observe technical data sheet.

Lagerklasse (storage class according to TRGS 510, Germany): 8 B (non-combustible corrosive materials)

- Ventilation requirements

Use local and general ventilation.

- Specific designs for storage rooms or vessels

Floors: The materials shall display sufficient resistance to the prevalent chemical conditions (Caustic solutions).

- Packaging compatibilities (Receptacles / Material)

Only packagings which are approved (e.g. acc. to ADR) may be used.

7.3 Specific end use(s)

These information are not available.

7.4 Other information

storage temperature of 0 °C and up to 20 °C

recommended storage temperature: 15-25 °C

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m ³] | STEL [ppm] | STEL [mg/m ³] | Source |
|---------|------------------|-----------|------------|-----------|--------------------------|------------|---------------------------|-----------|
| GB | Dust | | WEL | | 10 | | | EH40/2005 |
| GB | Dust | | WEL | | 4 | | | EH40/2005 |
| GB | Sodium hydroxide | 1310-73-2 | WEL | | | | 2 | EH40/2005 |

Notation

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

Relevant DNELs/DMELs/PNECs and other threshold levels

Relevant DNELs of components of the mixture

| Name of substance | CAS No | Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
|---------------------------|-----------|----------|------------------------|------------------------------------|-------------------|----------------------------|
| Sodium hydroxide | 1310-73-2 | DNEL | 1 mg/m ³ | Human, inhalatory | Worker (industry) | Chronic - local effects |
| Potassium nitrate | 7757-79-1 | DNEL | 20.8 mg/kg | Human, dermal | Worker (industry) | Chronic - systemic effects |
| Potassium nitrate | 7757-79-1 | DNEL | 36.7 mg/m ³ | Human, inhalatory | Worker (industry) | Chronic - systemic effects |
| Disodium peroxodisulphate | 7775-27-1 | DNEL | 2.06 mg/m ³ | Human, inhalatory | Worker (industry) | Chronic - local effects |

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| Relevant DNELs of components of the mixture | | | | | | |
|---|-----------|-----------|------------------------|------------------------------------|-------------------|----------------------------|
| Name of substance | CAS No | End-point | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
| Disodium peroxodisulphate | 7775-27-1 | DNEL | 18.2 mg/kg | Human, dermal | Worker (industry) | Chronic - systemic effects |
| Disodium peroxodisulphate | 7775-27-1 | DNEL | 2.06 mg/m ³ | Human, inhalatory | Worker (industry) | Chronic - systemic effects |

| Relevant PNECs of components of the mixture | | | | | | |
|---|-----------|-----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
| Potassium nitrate | 7757-79-1 | PNEC | 0.45 mg/l | Aquatic organisms | Freshwater | Short-term (single instance) |
| Potassium nitrate | 7757-79-1 | PNEC | 0.045 mg/l | Aquatic organisms | Marine water | Short-term (single instance) |
| Potassium nitrate | 7757-79-1 | PNEC | 18 mg/l | Microorganisms | Sewage treatment plant (STP) | Short-term (single instance) |
| Potassium nitrate | 7757-79-1 | PNEC | 4.5 mg/l | Aquatic organisms | Water | Intermittent release |
| Disodium peroxodisulphate | 7775-27-1 | PNEC | 0.0763 mg/l | Aquatic organisms | Freshwater | Short-term (single instance) |
| Disodium peroxodisulphate | 7775-27-1 | PNEC | 3.6 mg/l | Microorganisms | Sewage treatment plant (STP) | Short-term (single instance) |
| Disodium peroxodisulphate | 7775-27-1 | PNEC | 0.275 mg/kg | Benthic organisms | Sediments | Short-term (single instance) |
| Disodium peroxodisulphate | 7775-27-1 | PNEC | 0.0396 mg/kg | Pelagic organisms | Sediments | Short-term (single instance) |
| Disodium peroxodisulphate | 7775-27-1 | PNEC | 0.015 mg/kg | Terrestrial organisms | Soil | Short-term (single instance) |
| Disodium peroxodisulphate | 7775-27-1 | PNEC | 0.763 mg/l | Aquatic organisms | Water | Intermittent release |
| Disodium peroxodisulphate | 7775-27-1 | PNEC | 0.011 mg/l | Aquatic organisms | Marine water | Short-term (single instance) |

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

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- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

Particulate filter device (EN 143).

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

| | |
|----------------|----------------|
| Physical state | solid |
| Colour | different |
| Odour | characteristic |

Other safety parameters

| | |
|---|---|
| pH (value) | 12.2 – 13 (10 ^{g/l} , 20 °C) * (alkaline) |
| Melting point/freezing point | not determined |
| Initial boiling point and boiling range | not determined |
| Flash point | not applicable |
| Evaporation rate | not determined |
| Flammability (solid, gas) | non-combustible |
| Explosion limits of dust clouds | not determined |
| Vapour pressure | not determined |
| Density | not determined |
| Vapour density | this information is not available |
| Relative density | information on this property is not available |
| Solubility(ies) | not determined |
| Partition coefficient | |
| - n-octanol/water (log KOW) | this information is not available |
| Auto-ignition temperature | not determined |
| Viscosity | not relevant (solid matter) |
| Explosive properties | none |
| Oxidising properties | none |

9.2 Other information

| | |
|-----------------|-------|
| Solvent content | 0 % |
| Solid content | 100 % |

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SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

Exhibits an exothermic reaction (with): acids

Dangerous/dangerous reactions with: base metals (formation of hydrogen)

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

| Acute toxicity estimate (ATE) of components of the mixture | | | |
|--|-----------|----------------|-------------|
| Name of substance | CAS No | Exposure route | ATE |
| Disodium peroxodisulphate | 7775-27-1 | Oral | 1,200 mg/kg |

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

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Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

The classification criteria for this hazard class are not met. Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

Aquatic toxicity (acute)

| Aquatic toxicity (acute) of components of the mixture | | | | | |
|---|-----------|----------|------------|-----------------------|---------------|
| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
| Potassium nitrate | 7757-79-1 | LC50 | 1,378 mg/l | Fish | 96 h |
| Potassium nitrate | 7757-79-1 | EC50 | 490 mg/l | Aquatic invertebrates | 48 h |

| Aquatic toxicity (chronic) of components of the mixture | | | | | |
|---|-----------|----------|-------------|-----------------------|---------------|
| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
| Potassium nitrate | 7757-79-1 | EC50 | 490 mg/l | Aquatic invertebrates | 24 h |
| Potassium nitrate | 7757-79-1 | ErC50 | >1,700 mg/l | Algae | 10 d |

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste treatment of containers/packagings

It is a dangerous waste; only packagings which are approved (e.g. acc. to ADR) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Relevant provisions relating to waste

List of wastes

Assign arising waste to a waste code according to the national list of waste

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

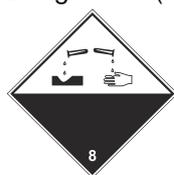
SECTION 14: Transport information

- | | | |
|-------------|---|--|
| 14.1 | UN number | 3262 |
| 14.2 | UN proper shipping name | CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. |
| | Technical name (hazardous ingredients) | sodium hydroxide, potassium nitrate |
| 14.3 | Transport hazard class(es) | |
| | Class | 8 (corrosive substances) |
| 14.4 | Packing group | II (substance presenting medium danger) |
| 14.5 | Environmental hazards | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 | Special precautions for user | Provisions for dangerous goods (ADR) should be complied within the premises. |
| 14.7 | Transport in bulk according to Annex II of MARPOL and the IBC Code | The cargo is not intended to be carried in bulk. |

Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)

| | |
|----------------------|---|
| UN number | 3262 |
| Proper shipping name | CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. |
| Class | 8 |
| Classification code | C6 |
| Packing group | II |
| Danger label(s) | 8 |



| | |
|-------------------------------|------|
| Special provisions (SP) | 274 |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | 1 kg |
| Transport category (TC) | 2 |
| Tunnel restriction code (TRC) | E |

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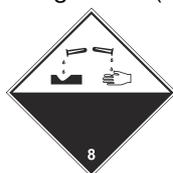
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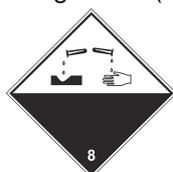
| | |
|---|---|
| Hazard identification No | 80 |
| Emergency Action Code | 2X |
| International Maritime Dangerous Goods Code (IMDG) | |
| UN number | 3262 |
| Proper shipping name | CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. |
| Class | 8 |
| Packing group | II |
| Danger label(s) | 8 |



| | |
|--------------------------|--------------|
| Special provisions (SP) | 274 |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | 1 kg |
| EmS | F-A, S-B |
| Stowage category | B |
| Segregation group | 18 - Alkalis |

International Civil Aviation Organization (ICAO-IATA/DGR)

| | |
|----------------------|---|
| UN number | 3262 |
| Proper shipping name | Corrosive solid, basic, inorganic, n.o.s. |
| Class | 8 |
| Packing group | II |
| Danger label(s) | 8 |



| | |
|--------------------------|---------|
| Special provisions (SP) | A3, 274 |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | 5 kg |

SECTION 15: Regulatory information

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

Relevant provisions of the European Union (EU)

Deco-Paint Directive (2004/42/EC)

| | |
|-------------|---------|
| VOC content | 0.046 % |
|-------------|---------|

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Directive on industrial emissions (VOCs, 2010/75/EU)

VOC content 0 %

Regulation 648/2004/EC on detergents

| Labelling of contents | |
|-----------------------|-----------------------------|
| Constituents | Weight % content (or range) |
| Phosphates | 30 % and more |

15.2 Chemical Safety Assessment

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

SECTION 16: Other information

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|------------|---|
| Acute Tox. | Acute toxicity |
| ADN | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR | Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |
| ATE | Acute Toxicity Estimate |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DMEL | Derived Minimal Effect Level |
| DNEL | Derived No-Effect Level |
| EC No | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union) |
| EH40/2005 | EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| EmS | Emergency Schedule |
| Eye Dam. | Seriously damaging to the eye |
| Eye Irrit. | Irritant to the eye |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods Code |
| MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant") |
| Met. Corr. | Substance or mixture corrosive to metals |
| NLP | No-Longer Polymer |
| Ox. Sol. | Oxidising solid |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration |

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| Abbr. | Descriptions of used abbreviations |
|-------------|---|
| Ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| Resp. Sens. | Respiratory sensitisation |
| RID | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| Skin Corr. | Corrosive to skin |
| Skin Irrit. | Irritant to skin |
| Skin Sens. | Skin sensitisation |
| STEL | Short-term exposure limit |
| STOT SE | Specific target organ toxicity - single exposure |
| TRGS | Technische Regeln für Gefahrstoffe (technical rules for hazardous substances, Germany) |
| TWA | Time-weighted average |
| VOC | Volatile Organic Compounds |
| VPvB | Very Persistent and very Bioaccumulative |
| WEL | Workplace exposure limit |

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.
Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code | Text |
|------|--|
| H272 | May intensify fire; oxidiser. |
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation. |

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

TM DESANA MAX FP

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Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.