

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Revision date: 08/02/2023 Version: 7.3

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

1.1. Product identifier

Product form : Mixture

: WEAPONGUARD 36 Trade name UFI : PTE0-C0TD-A001-WATK Product code : 06601;06605;16604

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

1.2.1. Relevant identified uses

: Industrial use, Professional use Main use category

Industrial/Professional use spec : Industrial

For professional use only

Use of the substance/mixture : Lubricants, Greases and Release Products

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

ROCOL a division of ITW Ltd Rocol House Wakefield Rd, Swillington LS26 8BS Leeds - West Yorkshire United Kingdom T +44 (0)113 232 2600

customer.service@rocol.com - www.rocol.com

1.4. Emergency telephone number

: +44 (0)113 232 2600 **Emergency number**

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin sensitisation, Category 1 H317 Germ cell mutagenicity, Category 1B H340 Carcinogenicity, Category 1B H350 Specific target organ toxicity – Repeated exposure, Category 2 H373 Aspiration hazard, Category 1 H304

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

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

Hazard pictograms (CLP)





GHS07

GHS08

Signal word (CLP) : Danger

: HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS; Contains

> HYDROTREATED NAPHTHA; BENZENESULFONIC ACID C10-16 CALCIUM SALT; BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS;

SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS

Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways.

H317 - May cause an allergic skin reaction.

H340 - May cause genetic defects.

H350 - May cause cancer.

H373 - May cause damage to organs (lungs) through prolonged or repeated exposure

(inhalation).

Precautionary statements (CLP) : P202 - Do not handle until all safety precautions have been read and understood.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P280 - Wear protective clothing, eye protection, face protection.

P301+P310+P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do

NOT induce vomiting.

P302+P352 - IF ON SKIN: Wash with plenty of water.

EUH-statements EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS	CAS-No.: 64742-47-8 EC-No.: 926-141-6 REACH-no: 01-2119456620- 43	30 – 50	Asp. Tox. 1, H304
BENZENESULFONIC ACID C10-16 CALCIUM SALT	CAS-No.: 68584-23-6 EC-No.: 271-529-4 REACH-no: 01-2119492627- 25	1 – 5	Skin Sens. 1B, H317
BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS	CAS-No.: 70024-69-0 EC-No.: 274-263-7 REACH-no: 01-2119492616- 28	1 – 5	Skin Sens. 1B, H317

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HYDROTREATED NAPHTHA (Note P)	CAS-No.: 64742-82-1 EC-No.: 265-185-4 EC Index-No.: 649-330-00-2	1 – 2.4	Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304
SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS	CAS-No.: 61789-86-4 EC-No.: 263-093-9 REACH-no: 01-2119488992- 18	0.1 – 2.4	Skin Sens. 1, H317
NONANE	CAS-No.: 111-84-2 EC-No.: 203-913-4	0.1 – 1	Flam. Liq. 3, H226 STOT RE 2, H373 Aquatic Acute 1, H400 (M=1)

Note P:

Note P: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice.

First-aid measures after inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects after inhalation : May cause an allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Collect spillage.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash

contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in original container. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses

8.2.2.2. Skin protection

Hand protection:

Wear protective gloves. Nitrile rubber gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN140 with Type A filter or better

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

Relative vapour density at 20°C

Particle characteristics

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour : brown.

: Characteristic odour. Odour Odour threshold : Not available

Melting point : Not available Freezing point Not available · > 150 °C Boiling point : Non flammable. Flammability **Explosive limits** : Not available Lower explosion limit : Not available : Not available Upper explosion limit : 70 °C Flash point Auto-ignition temperature : > 200 °C Decomposition temperature : Not available : Not available Viscosity, kinematic : 4.5 mm²/s Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available : Not available Vapour pressure Vapour pressure at 50°C : Not available : Not available Density : 0.81 Relative density : Not available

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: Not applicable

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9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8)		
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)	
LD50 oral	> 5000 mg/kg	
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: EPA OTS 798.1100 (Acute Dermal Toxicity), Guideline: OECD Guideline 402 (Acute Dermal Toxicity)	
LD50 dermal	> 5000 mg/kg	
LC50 Inhalation - Rat	> 5.28 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), 95% CL: 0,42 -	
HYDROTREATED NAPHTHA (64742-82-1)		
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)	
NONANE (111-84-2)		
LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: EPA OPPTS 870.1100 (Acute Oral Toxicity)	

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NONANE (111-84-2)	
LD50 dermal rabbit	> 2000 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	17 mg/l air Animal: rat, Animal sex: male, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), 95% CL: 14 - 21
BENZENESULFONIC ACID, MONO-C16-24-A	LKYL DERIVS., CALCIUM SALTS (70024-69-0)
LD50 oral rat	> 16000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other:Section 772 .112-21 CFR 40
LD50 dermal rabbit	> 4000 mg/kg bodyweight Animal: rabbit, Guideline: other:40 CFR, Section 163.81-2, Federal Register, August 22, 1978
LD50 dermal	> 5000 mg/kg
LC50 Inhalation - Rat	> 1.9 mg/l air Animal: rat, Guideline: EPA OPP 81-3 (Acute inhalation toxicity)
SULFONIC ACIDS, PETROLEUM, CALCIUM S	SALTS (61789-86-4)
LD50 oral rat	> 16000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other:Section 772 .112-21 CFR 40
LD50 dermal rabbit	> 4000 mg/kg bodyweight Animal: rabbit, Guideline: other:40 CFR, Section 163.81-2, Federal Register, August 22, 1978
LC50 Inhalation - Rat	> 1.9 mg/l air Animal: rat, Guideline: EPA OPP 81-3 (Acute inhalation toxicity)
Skin corrosion/irritation : Additional information : Serious eye damage/irritation : Additional information : Additional information :	Not classified Repeated exposure may cause skin dryness or cracking. Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation :	May cause an allergic skin reaction.
Germ cell mutagenicity : Carcinogenicity :	May cause genetic defects. May cause cancer.
Reproductive toxicity : Additional information :	Not classified Based on available data, the classification criteria are not met
HYDROCARBONS, C11-C14, N-ALKANES, IS	OALKANES, CYCLICS, <2% AROMATICS (64742-47-8)
NOAEL (animal/male, F0/P)	≥ 3000 mg/kg bodyweight Animal: rat, Animal sex: male
Additional information :	Not classified Based on available data, the classification criteria are not met May cause damage to organs (lungs) through prolonged or repeated exposure (inhalation).
•	OALKANES, CYCLICS, <2% AROMATICS (64742-47-8)
NOAEL (oral, rat, 90 days)	750 mg/kg bodyweight Animal: rat, Animal sex: female
NOAEC (inhalation, rat, vapour, 90 days)	≥ 0.024 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)
HYDROTREATED NAPHTHA (64742-82-1)	
STOT-repeated exposure	Causes damage to organs (central nervous system) through prolonged or repeated exposure.
NONANE (111-84-2)	
NOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
NOAEC (inhalation, rat, vapour, 90 days)	24.3 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
NOAEL (subchronic, oral, animal/male, 90 days)	100 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

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STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure. BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS (70024-69-0)	Dose se 28-	
NOAEL (oral, rat, 90 days) 500 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dos Day Oral Toxicity in Rodents) NOAEL (dermal, rat/rabbit, 90 days) > 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Do Dermal Toxicity: 21/28-Day Study) SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS (61789-86-4) NOAEL (oral, rat, 90 days) 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Do Day Oral Toxicity in Rodents) NOAEL (dermal, rat/rabbit, 90 days) > 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Do Dermal Toxicity: 21/28-Day Study) Aspiration hazard : May be fatal if swallowed and enters airways. WEAPONGUARD 36 Viscosity, kinematic 4.5 mm²/s HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8) Viscosity, kinematic	Dose se 28-	
Day Oral Toxicity in Rodents) NOAEL (dermal, rat/rabbit, 90 days) > 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Edermal Toxicity: 21/28-Day Study) SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS (61789-86-4) NOAEL (oral, rat, 90 days) 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Do Day Oral Toxicity in Rodents) NOAEL (dermal, rat/rabbit, 90 days) > 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Edermal Toxicity: 21/28-Day Study) Aspiration hazard : May be fatal if swallowed and enters airways. WEAPONGUARD 36 Viscosity, kinematic 4.5 mm²/s HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8) Viscosity, kinematic ≤ 2 mm²/s	Dose se 28-	
Dermal Toxicity: 21/28-Day Study) SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS (61789-86-4) NOAEL (oral, rat, 90 days) 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Do Day Oral Toxicity in Rodents) NOAEL (dermal, rat/rabbit, 90 days) > 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Experimal Toxicity: 21/28-Day Study) Aspiration hazard : May be fatal if swallowed and enters airways. WEAPONGUARD 36 Viscosity, kinematic 4.5 mm²/s HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8) Viscosity, kinematic ≤ 2 mm²/s	se 28-	
NOAEL (oral, rat, 90 days) 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 407 (Repeated Do Day Oral Toxicity in Rodents) NOAEL (dermal, rat/rabbit, 90 days) > 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated E Dermal Toxicity: 21/28-Day Study) Aspiration hazard : May be fatal if swallowed and enters airways. WEAPONGUARD 36 Viscosity, kinematic 4.5 mm²/s HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8) Viscosity, kinematic ≤ 2 mm²/s		
Day Oral Toxicity in Rodents) NOAEL (dermal, rat/rabbit, 90 days) > 1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated E Dermal Toxicity: 21/28-Day Study) Aspiration hazard : May be fatal if swallowed and enters airways. WEAPONGUARD 36 Viscosity, kinematic		
Dermal Toxicity: 21/28-Day Study) Aspiration hazard : May be fatal if swallowed and enters airways. WEAPONGUARD 36 Viscosity, kinematic 4.5 mm²/s HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8) Viscosity, kinematic ≤ 2 mm²/s	\	
WEAPONGUARD 36 Viscosity, kinematic 4.5 mm²/s HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8)	ose	
Viscosity, kinematic 4.5 mm²/s HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8)		
HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8) Viscosity, kinematic ≤ 2 mm²/s		
Viscosity, kinematic ≤ 2 mm²/s		
Hydrocarbon		
100		
HYDROTREATED NAPHTHA (64742-82-1)		
Viscosity, kinematic < 1 mm²/s Temp.: 'other:37.8°C' Parameter: 'kinematic viscosity (in mm²/s)'		
NONANE (111-84-2)		
Viscosity, kinematic 1.008 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'		
BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS (70024-69-0)		
Viscosity, kinematic 77.4 mm²/s Temp.: 'other:100.0°C' Parameter: 'cStCentistokes'		
SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS (61789-86-4)		
Viscosity, kinematic 77.4 mm²/s Temp.: 'other:100.0°C' Parameter: 'cStCentistokes'		

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms

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

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short–term : Not classified (acute)

Hazardous to the aquatic environment, long–term : Not classified (chronic)

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8)

LC50 - Fish [1] > 1000 mg/l

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HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (64742-47-8)		
EC50 - Other aquatic organisms [1]	> 250 mg/l	
NONANE (111-84-2)		
EC50 - Crustacea [1]	0.2 mg/l Test organisms (species): Daphnia magna	
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
BENZENESULFONIC ACID, MONO-C16-24-ALKYL DERIVS., CALCIUM SALTS (70024-69-0)		
LC50 - Fish [1]	> 1000 mg/l	
EC50 - Crustacea [1]	> 1000 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	
EC50 96h - Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	
SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS (61789-86-4)		
EC50 - Crustacea [1]	> 1000 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	
EC50 96h - Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)	

12.2. Persistence and degradability

WEAPONGUARD 36	
Persistence and degradability	May cause long-term adverse effects in the environment. Not established.

12.3. Bioaccumulative potential

WEAPONGUARD 36	
Bioaccumulative potential	Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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Ecology - waste materials

: Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated Not regulated Not regulated Not regulated Not regulated				
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated Not regulated Not regulated Not regulated Not regulated				
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

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PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and

amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
EUH066	Repeated exposure may cause skin dryness or cracking.
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H340	May cause genetic defects.
H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
Muta. 1B	Germ cell mutagenicity, Category 1B
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2

Safety Data Sheet (SDS), EU

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.