

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 18/01/2023 Revision date: 01/12/2021 Version: 4.01

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

1.1. Product identifier

Product form Product name Product code Product group : Mixture

: Commercial Vehicle Injector Cleaner & Filter Primer

: W25290

: Trade product

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

ITW ADDITIVES INTL B.V. Industriepark-West 46 9100 Sint-Niklaas Belgium T +32 3 766 60 20 - F +32 3 778 16 56 msds@wynns.eu - www.wynns.com

1.4. Emergency telephone number

Emergency number

: BIG: +32(0)14 58 45 45 (NL FR EN DE)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aspiration hazard, Category 1 H304 Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412 Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP)

Signal word (CLP) Contains Hazard statements (CLP)

Precautionary statements (CLP)

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FUH	l-statements
201	-statements

: EUH044 - Risk of explosion if heated under confinement.

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

Component	
2-ethylhexan-1-ol (104-76-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, 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]
C8-C26 branched and linear hydrocarbons – Distillates	CAS-No.: 848301-67-7 EC-No.: 481-740-5 REACH-no: 01-0000020119- 75	≥ 50	Asp. Tox. 1, H304 EUH066
2-Ethylhexyl nitrate	CAS-No.: 27247-96-7 EC-No.: 248-363-6 REACH-no: 01-2119539586- 27	10 – 25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Aquatic Chronic 2, H411 EUH044, EUH066
Hydrocarbons, C10, aromatics, <1% naphthalene	EC-No.: 918-811-1 REACH-no: 01-2119463583- 34	2,5 – 5	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066
2-ethylhexan-1-ol substance with a Community workplace exposure limit	CAS-No.: 104-76-7 EC-No.: 203-234-3 REACH-no: 01-2119487289- 20	1 – 2,5	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
Naphthalene substance with a Community workplace exposure limit	CAS-No.: 91-20-3 EC-No.: 202-049-5 EC Index-No.: 601-052-00-2 REACH-no: 01-2119561346- 37	0,1 – 1	Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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

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SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophtalmologist if irritation persists.
First-aid measures after ingestion	: If swallowed, rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell. Ingestion of large quantities: immediately to hospital.
4.2. Most important symptoms and effe	cts, both acute and delayed
Symptoms/effects after skin contact Symptoms/effects after ingestion	 Repeated exposure may cause skin dryness or cracking. Headache. Abdominal pain. Harmful if swallowed. May be fatal if swallowed and enters airways. Risk of aspiration pneumonia.
4.3. Indication of any immediate medica	al attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. AFFF foam. ABC-powder.
5.2 Special hazards arising from the su	ibstance or mixture

5.2. Special hazards ansing from the substance of mixture		
Fire hazard	: Combustible liquid. This material can accumulate static charge by flow or agitation and can be ignited by static discharge.	
Explosion hazard	: Risk of explosion if heated under confinement.	
5.3. Advice for firefighters		
Firefighting instructions Protection during firefighting	 Prevent fire fighting water from entering the environment. Do not enter fire area without proper protective equipment, including respiratory protection. 	

SECTION 6: Accidental release measures		
6.1. Personal precautions, protec	tive equipment and emergency procedures	
General measures	: Use special care to avoid static electric charges. No open flames. No smoking.	
6.1.1. For non-emergency personnel		
Protective equipment	: Safety glasses. Face-shield. protective clothing. Gloves.	
Emergency procedures	: Mark the danger area. Prevent flow to low areas. In confined space use self-contained breathing apparatus. Take off contaminated clothing and wash it before reuse.	
6.1.2. For emergency responders		
Protective equipment	: Equip cleanup crew with proper protection.	
6.2. Environmental precautions		

Prevent entry to sewers and public waters. Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up	
For containment	 Contain leaking substance, pump over in suitable containers. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel
Methods for cleaning up	into container for disposal. Clean preferably with a detergent - Avoid the use of solvents.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Precautions for safe handling	 Repeated exposure may cause skin dryness or cracking. Presents no particular risk when handled in accordance with good occupational hygiene practice. Meet the legal requirements. 	
Hygiene measures	: Wash contaminated clothing before reuse. Use good personal hygiene practices.	
7.2. Conditions for safe storage, including any incompatibilities		
Storage conditions	: Meet the legal requirements. Keep container tightly closed. Protect from sunlight. Store in a well-ventilated place.	
Storage temperature	: < 45 °C	
Storage area	: Store in a well-ventilated place. Keep container tightly closed. Meet the legal requirements. Ventilation along the floor.	
Special rules on packaging	: Keep only in original container. Labelling according to.	
7.3. Specific end use(s)		

See product bulletin for detailed information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Hydrocarbons, C10, aromatics, <1% naphthalene		
Belgium - Occupational Exposure Limits		
OEL TWA	200 mg/m³	
2-ethylhexan-1-ol (104-76-7)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	5,4 mg/m³	
IOEL TWA [ppm]	1 ppm	
Germany - Occupational Exposure Limits (TRGS 900)		
AGW (OEL TWA) [1]	110 mg/m ³	
AGW (OEL TWA) [2]	20 ppm	
Naphthalene (91-20-3)		
EU - Indicative Occupational Exposure Limit (IOEL)		
IOEL TWA	50 mg/m ³	
IOEL TWA [ppm]	10 ppm	
Belgium - Occupational Exposure Limits		
OEL TWA	53 mg/m³	

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Naphthalene (91-20-3)		
OEL TWA [ppm]	10 ppm	
OEL STEL	80 mg/m³	
OEL STEL [ppm]	15 ppm	
Remark	D	
Hungary - Occupational Exposure Limits		
AK (OEL TWA)	50 mg/m³	

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

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

No additional information available

8.2.2.2. Skin protection

Hand protection:

Neoprene. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer

8.2.2.3. Respiratory protection

No additional information available

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Breakthrough time : >30'. Thickness of the glove material >0,1 mm.

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SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
: Liquid		
: Yellow.		
: clear.		
: petroleum-like odour.		
: Not available		
: 70 °C (ASTM D93)		
: Not available		
: Not available		
: Not available		
: 2,5 mm²/s @ 40°C (ASTM D445)		
: insoluble in water.		
: Not available		
: Not available		
: Not available		
: 810 kg/m³ @ 20°C (ASTM D4052)		
: Not available		
: Not available		
: Not applicable		

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Additional information

: The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Heating will cause a rise in pressure with a risk of bursting. Exothermic decomposition.

10.4. Conditions to avoid

Keep away from strong acids, strong bases and oxidizing agents. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

On burning: release of harmful/irritant gases/vapours. Carbon monoxide. Carbon dioxide.

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SECTION 11: Toxicological information		
11.1. Information on hazard classes as defined	d in Regulation (EC) No 1272/2008	
Acute toxicity (dermal) :	Not classified Not classified Not classified	
C8-C26 branched and linear hydrocarbons – Distillates (848301-67-7)		
LD50 oral rat	> 5000 mg/kg bodyweight Sprague-Dawley	
LD50 dermal rat	> 2000 mg/kg bodyweight Sprague-Dawley	
2-Ethylhexyl nitrate (27247-96-7)		
LD50 oral rat	> 9600 mg/kg bodyweight Sprague-Dawley	
Hydrocarbons, C10, aromatics, <1% naphthale	ene	
LD50 oral rat	6318 mg/kg bodyweight CrI:CDBR	
LD50 dermal rabbit	> 2000 mg/kg bodyweight New Zealand White	
LC50 Inhalation - Rat	> 4,688 mg/l/4h Sprague-Dawley	
2-ethylhexan-1-ol (104-76-7)		
LD50 oral rat	2047 mg/kg	
LD50 dermal rabbit	> 3000 mg/kg	
LC50 Inhalation - Rat	1,1 mg/l/4h	
Naphthalene (91-20-3)		
LD50 oral rat	> 2000 mg/kg bodyweight Sprague-Dawley	
LD50 dermal rat	> 2500 mg/kg bodyweight Sherman	
	Not classified	
	Not classified	
1 ,	Not classified	
C 1	Not classified	
	Not classified	
	Not classified Not classified	
STOT-single exposure : Hydrocarbons, C10, aromatics, <1% naphthale		
STOT-single exposure	May cause drowsiness or dizziness.	
2-ethylhexan-1-ol (104-76-7)		
STOT-single exposure	May cause respiratory irritation.	
	Not classified	
Aspiration hazard :	May be fatal if swallowed and enters airways.	
Commercial Vehicle Injector Cleaner & Filter Primer		
Viscosity, kinematic	2,5 mm²/s @ 40°C (ASTM D445)	
C8-C26 branched and linear hydrocarbons – D	Distillates (848301-67-7)	
Viscosity, kinematic	2 – 4,5 mm²/s	
2-Ethylhexyl nitrate (27247-96-7)		
Viscosity, kinematic	1,767 mm²/s	

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Hydrocarbons, C10, aromatics, <1% naphthalene		
Viscosity, kinematic < 2 mm²/s		
Aliphatic, alicyclic or aromatic hydrocarbon	Yes	
11.2. Information on other hazards		

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

12.1. Toxicity			
Ecology - water : Hazardous to the aquatic environment, short-term : (acute)	May cause long lasting harmful effects to aquatic life. Harmful to aquatic life with long lasting effects. Not classified Harmful to aquatic life with long lasting effects.		
C8-C26 branched and linear hydrocarbons – I	Distillates (848301-67-7)		
LC50 - Fish [1]	> 1000 mg/l @96h Pimephales promelas		
EC50 - Crustacea [1]	> 1000 mg/l @48h Daphnia magna		
EC50 - Other aquatic organisms [1]	> 1000 mg/l @72h Pseudokirchneriella subcapitata		
NOEC (acute)	> 1000 mg/l @48h Daphnia magna		
2-Ethylhexyl nitrate (27247-96-7)			
LC50 - Fish [1]	96h 2 mg/l Brachydanio rerio		
EC50 - Crustacea [1]	> 12,6 mg/l @48h Daphnia magna		
EC50 - Other aquatic organisms [1]	72h 1,57 mg/l Pseudokirchnerella subcapitata		
Hydrocarbons, C10, aromatics, <1% naphthalene			
LC50 - Fish [1]	96h 2 (≤ 5) mg/l Oncorhynchus mykiss		
EC50 - Crustacea [1]	48h 3 (≤ 10) mg/l Daphnia magna		
EC50 - Other aquatic organisms [1]	72h 1 (≤ 3) mg/l Pseudokirchneriella subcapitata		
NOEC chronic fish	0,441 mg/l		
NOEC chronic crustacea	0,771 mg/l		
NOEC chronic algae	1 mg/l		
2-ethylhexan-1-ol (104-76-7)			
LC50 - Fish [1]	96h 28,2 mg/l pimephales promelas		
EC50 - Crustacea [1]	48h 39 mg/l daphnia magna		
EC50 - Other aquatic organisms [1]	72h 11,5 mg/l algae (desmodesmus subspicatus)		
Naphthalene (91-20-3)			
LC50 - Fish [1]	96h 1,6 mg/l Oncorhynchus mykiss		
EC50 - Crustacea [1]	48h 2,16 mg/l Daphnia magna		
12.2. Persistence and degradability			
C8-C26 branched and linear hydrocarbons – I	Distillates (848301-67-7)		
Persistence and degradability	Readily biodegradable.		

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2-Ethylhexyl nitrate (27247-96-7)		
Persistence and degradability	Not readily biodegradable.	
Hydrocarbons, C10, aromatics, <1% naphthalene		
Persistence and degradability	Readily biodegradable.	
Biodegradation	50 %	
2-ethylhexan-1-ol (104-76-7)		
Persistence and degradability	Readily biodegradable.	
12.3. Bioaccumulative potential		
C8-C26 branched and linear hydrocarbons	– Distillates (848301-67-7)	
Partition coefficient n-octanol/water (Log Pow)	> 6,5 @40°C	
2-ethylhexan-1-ol (104-76-7)		
Bioaccumulative potential	No bioaccumulation.	
12.4. Mobility in soil		
No additional information available		
12.5. Results of PBT and vPvB assessment		
Component		
2-ethylhexan-1-ol (104-76-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	
12.6. Endocrine disrupting properties		
No additional information available		

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal consideration	S
13.1. Waste treatment methods	
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Remove to an authorized waste treatment plant. Avoid release to the environment.
European List of Waste (LoW) code	14 06 03* - other solvents and solvent mixtures 15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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ADR	IMDG	ΙΑΤΑ	ADN	RID
14.3. Transport hazard o	lass(es)		·	·
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable		Not applicable	Not applicable	Not applicable
14.5. Environmental haz	ards			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary informatio	n available	1	1	1

14.6. Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

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

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)

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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

Germany

Water hazard class (WGK) Hazardous Incident Ordinance (12. BImSchV)	 WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1). Is not subject of the Hazardous Incident Ordinance (12. BImSchV)
Netherlands	
SZW-lijst van kankerverwekkende stoffen	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the components are listed
Denmark	
Class for fire hazard	: Class III-1
Store unit	: 50 liter
Classification remarks	: Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed
Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product
	Pregnant/breastfeeding women working with the product must not be in direct contact with the product
	The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 2	Carcinogenicity, Category 2
EUH044	Risk of explosion if heated under confinement.
EUH066	Repeated exposure may cause skin dryness or cracking.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

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Full text of H- and EUH-statements:	
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

Safety Data Sheet (SDS), EU

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.