

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

MSDS Version: E04.02 Date of issue: 02/02/2018 Blend Version: 3

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

#### 1.1. Product identifier

Product name : Ice Proof for Diesel

Product code : W22710

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

#### 1.2.1. Relevant identified uses

Use of the substance/mixture : Diesel fuel additive Function or use category : Fuel additives

### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Wynn's Belgium 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

### **Emergency telephone number**

Emergency number : BIG: +32(0)14/58.45.45 (NL FR EN DE)

### SECTION 2: Hazards identification

#### Classification of the substance or mixture 2.1.

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

Skin Sens. 1 Carc. 2 H351 STOT SE 3 H336 Asp. Tox. 1 H304 Aquatic Chronic 2 H411

Full text of H statements: see section 16

### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. **Label elements**

Hazard statements (CLP)

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

Hazard pictograms (CLP)







Signal word (CLP)

Hazardous ingredients : Mixture of: 2,2',2"-(ethylenedinitrilotetrakis-N,N-di(C16)alkylacetamide;

2,2',2"',2"'-(ethylenedinitrilotetrakis-N,N-di(C18)alkylacetamide; 2-Butenoic acid,4oxo-4-(tridecylamino)-, (Z)-, branched; Naphthalene; Solvent naphtha

(petroleum), heavy aromatic; Hydrocarbons, C10, aromatics, <1% naphthalene

: H304 - May be fatal if swallowed and enters airways. H317 - May cause an allergic skin reaction.

H336 - May cause drowsiness or dizziness. H351 - Suspected of causing cancer.

H411 - Toxic to aquatic life with long lasting effects.

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

Precautionary statements (CLP) : P102 - Keep out of reach of children.

P405 - Store locked up.

P261 - Avoid breathing vapours.

P280 - Wear protective gloves, protective clothing. P302+P352 - IF ON SKIN: Wash with plenty of water/...

EN (English) 1/9 05/02/2018

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

P331 - Do NOT induce vomiting.

P273 - Avoid release to the environment.

### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	% w	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10, aromatics, <1% naphthalene	(EC-No.) 918-811-1 (REACH-no) 01-2119463583-34	75 - 90	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Solvent naphtha (petroleum), heavy aromatic	(CAS-No.) 64742-94-5 (EC-No.) 265-198-5 (EC Index-No.) 649-424-00-3	10 - 25	STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Mixture of: 2,2',2",2"'-(ethylenedinitrilotetrakis-N,N-di(C16)alkylacetamide; 2,2',2",2"'-(ethylenedinitrilotetrakis-N,N-di(C18)alkylacetamide	(CAS-No.) 136920-07-5 (EC-No.) 406-640-0 (EC Index-No.) 616-047-00-0 (REACH-no) 01-0000015616-68	2,5 - 5	Skin Sens. 1B, H317
Naphthalene	(CAS-No.) 91-20-3 (EC-No.) 202-049-5 (EC Index-No.) 601-052-00-2 (REACH-no) 01-2119561346-37	1 - 2,5	Acute Tox. 4 (Oral), H302 Carc. 2, H351 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-Butenoic acid,4-oxo-4-(tridecylamino)-, (Z)-, branched	(CAS-No.) 84583-68-6 (EC-No.) 283-219-6 (REACH-no) 01-2119980949-12	1 - 2,5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

### **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. If eye irritation persists: Get

medical advice/attention.

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 effects, both acute and delayed

Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction. Tingling/irritation of the skin.

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. Risk of aspiration pneumonia. Harmful if swallowed. Headache. Abdominal pain.

### 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 : Water spray. AFFF foam. ABC-powder.

05/02/2018 EN (English) 2/9

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Combustible liquid. Gas/vapour spreads at floor level: ignition hazard. Take

precautionary measures against static discharge.

Explosion hazard : Product is not explosive.

### 5.3. Advice for firefighters

Firefighting instructions : Prevent fire fighting water from entering the environment.

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

protection.

### SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective 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 : Wear suitable gloves and eye/face protection. protective clothing.

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

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

### 6.3. Methods and material for containment and cleaning up

For containment : Contain leaking substance, pump over in suitable containers.

Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and

shovel 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 : Meet the legal requirements. In case of repeated or prolonged exposure : Some

components of the product destroy skin oils. Presents no particular risk when

handled in accordance with good occupational hygiene practice.

Hygiene measures : Use good personal hygiene practices. IF ON SKIN: Gently wash with plenty of soap

and water. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Meet the legal requirements. Protect from sunlight. Store in a well-ventilated place.

Store in a closed container.

Storage temperature : < 45 °C

Storage area : Meet the legal requirements. Store in a well-ventilated place. Keep container

tightly closed. Ventilation along the floor.

Special rules on packaging : Store in a closed 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

### Hydrocarbons, C10, aromatics, <1% naphthalene

Belgium Limit value (mg/m³) 200 mg/m³

Naphthalene (91-20-3)

EU IOELV TWA (mg/m³) 50 mg/m³
EU IOELV TWA (ppm) 10 ppm
Belgium Limit value (mg/m³) 53 mg/m³
Belgium Limit value (ppm) 10 ppm

05/02/2018 EN (English) 3/9

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Naphthalene (91-20-3)

BelgiumShort time value (mg/m³)80 mg/m³BelgiumShort time value (ppm)15 ppmBelgiumRemark (BE)D

### Hydrocarbons, C10, aromatics, <1% naphthalene

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 12,5 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 151 mg/m<sup>3</sup>

DNEL/DMEL (General population)

Long-term - systemic effects, oral 7,5 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 32 mg/m<sup>3</sup>

Long-term - systemic effects, dermal 7,5 mg/kg bodyweight/day

# Mixture of: 2,2',2'',2'''-(ethylenedinitrilotetrakis-N,N-di(C16)alkylacetamide; 2,2',2'',2'''-(ethylenedinitrilotetrakis-N,N-di(C18)alkylacetamide (136920-07-5)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 250 mg/kg bodyweight/day

DNEL/DMEL (General population)

Long-term - systemic effects,oral 125 mg/kg bodyweight/day Long-term - systemic effects, dermal 125 mg/kg bodyweight/day

### Naphthalene (91-20-3)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 3,57 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 25 mg/m³ Long-term - local effects, inhalation 25 mg/m³

PNEC (STP)

PNEC sewage treatment plant 2,9 mg/l

### 2-Butenoic acid,4-oxo-4-(tridecylamino)-, (Z)-, branched (84583-68-6)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 2,35 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 16,59 mg/m³

DNEL/DMEL (General population)

Long-term - systemic effects,oral 1,17 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 4,09 mg/m<sup>3</sup>

Long-term - systemic effects, dermal 1,17 mg/kg bodyweight/day

PNEC (Water)

PNEC aqua (freshwater) 0,00951 mg/l
PNEC aqua (marine water) 0,000951 mg/l
PNEC aqua (intermittent, freshwater) 0,0951 mg/l

PNEC (Sediment)

PNEC sediment (freshwater) 3,04 mg/kg dwt
PNEC sediment (marine water) 0,304 mg/kg dwt

PNEC (Soil)

PNEC soil 0,601 mg/kg dwt

PNEC (STP)

PNEC sewage treatment plant 11 mg/l

### oleic acid, compound with N-(2-aminoethyl)ethane-1,2-diamine (18016-43-8)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 4,7 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 8,3 mg/m³ Long-term - local effects, inhalation 8,3 mg/m³

DNEL/DMEL (General population)

Long-term - systemic effects,oral 2,35 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 2,04 mg/m<sup>3</sup>

Long-term - systemic effects, dermal 2,35 mg/kg bodyweight/day

Long-term - local effects, inhalation 2,04 mg/m³

PNEC (Water)

05/02/2018 EN (English) 4/9

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### oleic acid, compound with N-(2-aminoethyl)ethane-1,2-diamine (18016-43-8)

PNEC aqua (freshwater) 0,0588 mg/l
PNEC aqua (marine water) 0,00588 mg/l
PNEC aqua (intermittent, freshwater) 0,0268 mg/l

PNEC (Sediment)

PNEC sediment (freshwater) 10900000 mg/kg dwt PNEC sediment (marine water) 1090000 mg/kg dwt

PNEC (Soil)

PNEC soil 2180000 mg/kg dwt

PNEC (STP)

PNEC sewage treatment plant 13 mg/l

8.2. Exposure 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.

Personal protective equipment : Gloves. Face shield. Safety glasses. Protective clothing.









Hand protection

Other information

: 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.

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

# **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : clear.
Colour : Greenish blue.
Odour : aromatic.
Odour threshold : No data available

pH

Relative evaporation rate : No data available

(butylacetate=1)

refraction index : 1,502

Melting point : No data available

Freezing point : < -18 °C

Boiling point : No data available

Flash point : 64 °C

Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Density @20°C : 888 kg/m³

Solubility : No data available
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic @40°C : 2,53 mm²/s
Viscosity, dynamic @40°C : No data available

Viscosity :

Viscosity Index

Explosive properties : No data available Oxidising properties : No data available

05/02/2018 EN (English) 5/9

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Explosive limits : No data available

9.2. Other information

VOC content : 91,7 %

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

No additional information available

#### 10.4. Conditions to avoid

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

### 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. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Harmful: may cause lung damage if swallowed

### Hydrocarbons, C10, aromatics, <1% naphthalene

LD50 oral rat 6318 mg/kg bodyweight Crl:CDBR

LD50 dermal rabbit > 2000 mg/kg bodyweight New Zealand White

LC50 inhalation rat (mg/l) > 4,688 mg/l/4h Sprague-Dawley

ATE CLP (oral) 6318 mg/kg bodyweight

Naphthalene (91-20-3)

LD50 oral rat > 2000 mg/kg bodyweight Sprague-Dawley
LD50 dermal rat > 2500 mg/kg bodyweight Sherman

ATE CLP (oral) 500 mg/kg bodyweight

Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Aspiration hazard : May be fatal if swallowed and enters airways.

# SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : This product contains hazardous components for the aquatic environment.

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

### Hydrocarbons, C10, aromatics, <1% naphthalene

LC50 fish 1 96h 2 - 5 mg/l Oncorhynchus mykiss EC50 Daphnia 1 48h 10 mg/l Daphnia magna

EC50 other aquatic organisms 1 72h 1 - 3 mg/l Pseudokirchneriella subcapitata

05/02/2018 EN (English) 6/9

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### Naphthalene (91-20-3)

LC50 fish 1 96h 1,6 mg/l Oncorhynchus mykiss EC50 Daphnia 1 48h 2,16 mg/l Daphnia magna

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

European List of Waste (LoW) code

### **SECTION 13: Disposal considerations**

### 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.

: 14 06 03\* - other solvents and solvent mixtures

15 01 10\* - packaging containing residues of or contaminated by dangerous

substances

### **SECTION 14: Transport information**

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

#### 14.1. UN number

UN-No. (ADR) : 3082

### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(Hydrocarbons, C10, aromatics; naphthalene), 9, III, (E)

### 14.3. Transport hazard class(es)

Class (ADR) : 9

: 9 Danger labels (ADR)



### 14.4. Packing group

: III Packing group (ADR)

### 14.5. Environmental hazards

Dangerous for the environment



Other information : No supplementary information available.

### 14.6. Special precautions for user

### 14.6.1. Overland transport

Hazard identification number (Kemler No.): 90 Classification code (ADR) : M6

05/02/2018 EN (English) 7/9

### Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Orange plates 90

Special provisions (ADR) : 274, 335, 375, 601

Transport category (ADR) : 3 Tunnel restriction code (ADR) : E : 51 Limited quantities (ADR) Excepted quantities (ADR) : E1 EAC code : •3Z

14.6.2. Transport by sea

EmS-No. (1) : F-A, S-F

14.6.3. Air transport

Instruction "cargo" (ICAO) : 964 Instruction "passenger" (ICAO) : 964 Instruction "passenger" - Limited : Y964

quantities (ICAO)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 91,7 %

### 15.1.2. National regulations

Water hazard class (WGK) : 2 - significant hazard to waters

### 15.2. Chemical safety assessment

No additional information available

### **SECTION 16: Other information**

Full text of H- and EUH-statements:

H304

H315

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

Aspiration hazard, Category 1

Asp. Tox. 1 Carc. 2 Carcinogenicity, Category 2

Eye Irrit. 2 Serious eye damage/eye irritation, Category 2

Skin Irrit. 2 Skin corrosion/irritation, Category 2 Skin Sens. 1 Skin sensitisation, Category 1 Skin Sens. 1B Skin sensitisation, category 1B

STOT SE 3 Specific target organ toxicity — Single exposure, Category 3,

Narcosis

H302 Harmful if swallowed.

May be fatal if swallowed and enters airways.

Causes skin irritation.

05/02/2018 EN (English) 8/9

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

H317	May cause an allergic skin reaction.	
H319	Causes serious eye 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.	
EUH066	Repeated exposure may cause skin dryness or cracking.	

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

05/02/2018 EN (English) 9/9