



White-spirit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179
Date of issue: 1-10-2013 Revision date: 28-6-2018 Supersedes: 24-7-2017 Version: 4.0

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

1.1. Product identifier

Product form : Mixture
Product name : White-spirit
EC-No. : 919-446-0
CAS-No. : 64742-82-1
REACH registration No : 01-2119458049-33
Product code : 1101, 1103, 1109, 1112, 1113
Type of product : Solvents

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Function or use category : Solvents

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Old Holland Classic Colours Since 1664
Nijendal 36
3972 KC Driebergen Rijsenburg - Nederland
T 0031 343 518 224 - F 0031 343 516 342
info@oldholland.com - www.oldholland.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for the purpose of informing medical personnel in cases of acute intoxications
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for the purpose of informing medical personnel in cases of acute intoxications

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3 H226
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336
Specific target organ toxicity — Repeated exposure, Category 1 H372
Aspiration hazard, Category 1 H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. Causes damage to organs through prolonged or repeated exposure. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

GHS08

GHS09

Signal word (CLP) :

Danger

Hazardous ingredients :

Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)

Hazard statements (CLP) :

H226 - Flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H336 - May cause drowsiness or dizziness.
H372 - Causes damage to organs through prolonged or repeated exposure.
H411 - Toxic to aquatic life with long lasting effects.

White-spirit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 - Avoid breathing vapours, mist.
P273 - Avoid release to the environment.
P301+P310+P331 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER. Do NOT induce vomiting.
P312 - Call a doctor if you feel unwell.
P501 - Dispose of contents and container to an approved waste disposal plant.

2.3. Other hazards

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

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, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)	(CAS-No.) 64742-82-1 (EC-No.) 919-446-0 (REACH-no) 01-2119458049-33	<= 100	Flam. Liq. 3, H226 STOT SE 3, H336 STOT RE 1, H372 Asp. Tox. 1, H304 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 : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove person to fresh air and keep 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 or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 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 : 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 drowsiness or dizziness.

Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after ingestion : May be fatal if swallowed and enters airways. Risk of lung oedema.

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

Do not induce vomiting/risk of damage to lungs exceeds poisoning risk.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

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

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

Explosion hazard : May form flammable/explosive vapour-air mixture.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

White-spirit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. NO open flames, NO sparks, and NO smoking. Do not breathe vapours, mist.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Avoid breathing vapors, mist, spray. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Provide adequate ventilation. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8 : " Exposure-controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

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. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe vapours, mist, spray. Use only outdoors or in a well-ventilated area.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep only in the original container in a cool, well-ventilated place. Containers which are opened should be properly resealed and kept upright to prevent leakage. Never use pressure to empty container. Keep container tightly closed. No smoking. Store locked up.

Incompatible products : Strong bases. Strong acids. Strong oxidizing agents.

Incompatible materials : Keep away from ignition sources (including static discharges).

Heat and ignition sources : Keep away from heat and direct sunlight.

7.3. Specific end use(s)

Solvent.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%) (64742-82-1)

EU	Local name	White spirit Type 1
EU	IOELV TWA (mg/m ³)	116 mg/m ³
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m ³)	290 mg/m ³
EU	IOELV STEL (ppm)	50 ppm
EU	Notes	skin. (Year of adoption 2007)
EU	Regulatory reference	SCOEL Recommendations

White-spirit (64742-82-1)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal 44 mg/kg bodyweight/day

Long-term - systemic effects, inhalation 330 mg/m³

White-spirit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

White-spirit (64742-82-1)

DNEL/DMEL (General population)

Long-term - systemic effects, oral	26 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	71 mg/m ³
Long-term - systemic effects, dermal	26 mg/kg bodyweight/day

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Protective clothing. Gloves. Safety glasses. Dust/aerosol mask.

Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Natural rubber, Butyl rubber, Polyvinylchloride (PVC)	6 (> 480 minutes)	>0.5		EN 374

Eye protection:

Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles. EN 166

Skin and body protection:

In case of possible repeated skin contact wear protective clothing. CEN : EN 340; EN 369; EN 465

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. EN 143

Device	Filter type	Condition	Standard
Gas mask	Type A - High-boiling (>65 °C) organic compounds	If conc. in air > exposure limit	EN 143

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: pale.
Colour	: Colourless.
Odour	: Solvent-like odour.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 135 - 220 °C
Flash point	: > 30 °C
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: No data available

White-spirit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Flammability (solid, gas)	: Flammable liquid and vapour.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0,721 - 0,826 g/cm ³ (15°C)
Solubility	: Insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 0,0014 Pa.s
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 0,6 - 7 vol %

9.2. Other information

VOC content : <= 100 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Avoid contact with hot surfaces. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

fume. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%) (64742-82-1)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 4 mg/kg

Skin corrosion/irritation	: Not classified
Additional information	: Repeated exposure may cause skin dryness or cracking.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: May be fatal if swallowed and enters airways.
Other information	: Risk of aspiration pneumonia.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water	: Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Toxic to aquatic life with long lasting effects.

Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%) (64742-82-1)

EC50 Daphnia 1	7,8 g/l
EC50 other aquatic organisms 1	3,59 g/l

White-spirit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

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

White-spirit (64742-82-1)

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. 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 an authorized waste treatment plant.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1300	1300	1300	1300	1300
14.2. UN proper shipping name				
TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%))	TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%))	Turpentine substitute (HYDROCARBONS, C9-C12, N-ALKANES, ISO-ALKANES, CYCLIC, AROMATIC COMPOUNDS (2-25%))	TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%))	TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%))
Transport document description				
UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)), 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)), 3, III	UN 1300 Turpentine substitute (HYDROCARBONS, C9-C12, N-ALKANES, ISO-ALKANES, CYCLIC, AROMATIC COMPOUNDS (2-25%)), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)), 3, III, ENVIRONMENTALLY HAZARDOUS	UN 1300 TURPENTINE SUBSTITUTE (Hydrocarbons, C9-C12, n-alkanes, iso-alkanes, cyclic, aromatic compounds (2-25%)), 3, III, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
3	3	3	3	3
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : No	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

White-spirit

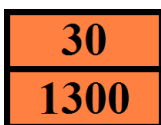
Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: F1
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T2
Portable tank and bulk container special provisions (ADR)	: TP1
Tank code (ADR)	: LGBF
Vehicle for tank carriage	: FL
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	:



Tunnel restriction code (ADR)	: D/E
EAC code	: 3YE

Transport by sea

Special provisions (IMDG)	: 223
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T2
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Immiscible with water.
MFAG-No	: 128

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3
ERG code (IATA)	: 3L

Inland waterway transport

Classification code (ADN)	: F1
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0

Rail transport

Classification code (RID)	: F1
Excepted quantities (RID)	: E1

White-spirit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T2
Portable tank and bulk container special provisions (RID)	: TP1
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE4
Hazard identification number (RID)	: 30

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

Organic solvent

Contains no REACH Annex XIV substances

VOC content : <= 100 %

Directive 2012/18/EU (SEVESO III)

Seveso III Part I (Categories of dangerous substances)	Qualifying quantity (tonnes)	
	Lower-tier	Upper-tier
P5c FLAMMABLE LIQUIDS Flammable liquids, Categories 2 or 3 not covered by P5a and P5b	50000	5000
E2 Hazardous to the Aquatic Environment in Category Chronic 2	500	200

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

Indication of changes:

Revised safety data sheet in accordance with commission regulation (EU) No 2016/1179.

Section	Changed item	Change	Comments
	CAO max net quantity (IATA)	Modified	
	Excepted quantities (RID)	Modified	
	Colis express (express parcels) (RID)	Modified	
	Transport category (RID)	Modified	
	Portable tank and bulk container instructions (RID)	Modified	
	Packing instructions (RID)	Modified	
	Proper Shipping Name (IATA)	Modified	
	Number of blue cones/lights (ADN)	Modified	
	Excepted quantities (ADN)	Modified	
	Limited quantities (ADN)	Modified	
	Hazard identification number (RID)	Modified	
	Special provisions (IMDG)	Added	

White-spirit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

	Special provisions for carriage - Packages (ADR)	Added	
	Carriage permitted (ADN)	Added	
	Special provisions for carriage – Packages (RID)	Added	
	Packing group (RID)	Modified	
	CAO packing instructions (IATA)	Modified	
	PCA max net quantity (IATA)	Modified	
	PCA packing instructions (IATA)	Modified	
	PCA limited quantity max net quantity (IATA)	Modified	
	PCA Limited quantities (IATA)	Modified	
	PCA Excepted quantities (IATA)	Modified	
	Limited quantities (IMDG)	Modified	
	Stowage category (IMDG)	Modified	
	Tank instructions (IMDG)	Modified	
	IBC packing instructions (IMDG)	Modified	
	Excepted quantities (IMDG)	Modified	
	Special provisions for carriage - Operation (ADR)	Modified	
	Portable tank and bulk container instructions (ADR)	Modified	
	Packing instructions (ADR)	Modified	
	Supersedes	Modified	
	Revision date	Modified	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
4.2	Symptoms/effects after skin contact	Modified	
5.3	Protection during firefighting	Modified	
6.1	Protective equipment	Modified	
6.1	Emergency procedures	Modified	
6.2	Environmental precautions	Modified	
7.2	Incompatible materials	Modified	
7.2	Technical measures	Modified	
7.2	Storage conditions	Modified	
8.2	Hand protection	Modified	
8.2	Respiratory protection	Modified	
8.2	Personal protective equipment	Modified	
9.1	Solubility	Modified	
9.1	Density	Modified	
10.1	Reactivity	Modified	
10.4	Conditions to avoid	Modified	
14.4	Packing group (ADN)	Modified	
14.4	Packing group (IMDG)	Modified	
14.4	Packing group (IATA)	Modified	
14.4	Packing group (ADR)	Modified	

White-spirit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

14.6	Packing instructions (IMDG)	Modified	
14.6	Hazard identification number (Kemler No.)	Modified	
14.6	Transport category (ADR)	Modified	
14.6	Limited quantities (ADR)	Modified	
14.6	Excepted quantities (ADR)	Modified	

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
CAS	CAS (Chemical Abstracts Service) number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
	CMR: Carcinogen, Mutagen, Reprotoxisch
	CSA: Chemical Safety Assessment
	CSR: Chemical Safety Report
DNEL	Derived-No Effect Level
	EC50: Median Effective Concentration (required to induce a 50% effect)
	EINECS: European Inventory of Existing Commercial Chemical Substances
	GHS: Globally Harmonized System of Classification and Labelling of Chemicals
	IATA: International Air Transport Association
	IMDG: International Maritime Code for Dangerous Goods
	LC50: Lethal concentration, 50 percent
	LD50: Lethal dose, 50 percent
PBT	Persistent Bioaccumulative Toxic
	PNEC: Predicted No Effect Concentration (for environment)
	REACH: Registration, Evaluation and Authorisation of Chemical substances
	RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
	SVHC: Substances of Very High Concern
vPvB	Very Persistent and Very Bioaccumulative

Data sources : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179.

Other information : REACH Disclaimer:
This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number).
DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.

White-spirit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

H372	Causes damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Flam. Liq. 3	H226	Calculation method
STOT SE 3	H336	Calculation method
STOT RE 1	H372	Calculation method
Asp. Tox. 1	H304	Expert judgment
Aquatic Chronic 2	H411	Calculation method

SDS EU (REACH Annex II)

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