

Safety Data Sheet

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) No 2020/878)



Trade name : Americol Ship Clean Power Xtra
Revision date : 11-10-2024
Print date : 30-01-2025

Version (Revision) : 7.0.0 (6.0.0)

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

1.1 Product identifier

Americol Ship Clean Power Xtra
Unique Formula Identifier : RTA2-Y0HU-100R-M23G

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

Relevant identified uses

PC 35 - Washing and cleaning products

Sectors of use [SU]

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Process categories [PROC]

PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

PROC 11 - Non industrial spraying

PROC 19 - Manual activities involving hand contact

Environmental release categories [ERC]

ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

Uses advised against

This product should not be used for purposes other than the applications referred to above.

1.3 Details of the supplier of the safety data sheet

Supplier

Americol BV

Street : Sluispolderweg 33

Postal code/City : 1505 HJ Zaandam

Telephone : +31 (0)75 - 6313244

Information contact : Dept. Safety, Health and Environment

Website : www.americol.nl

E-mail (competent person) : info@americol.nl

1.4 Emergency telephone number

(08.00 - 17.00)

National Poisons Information Service (NPIS) Email: director.birmingham.unit@npis.org Website: <http://www.npis.org/>

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Skin Corr. 1 ; H314 - Skin corrosion/irritation : Category 1 ; Causes severe skin burns and eye damage.

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

2.2 Label elements

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

Hazard pictograms



Corrosion (GHS05)

Signal word

Danger

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Hazard components for labelling

TETRASODIUM N,N-BIS(CARBOXYLATOMETHYL)-L-GLUTAMATE ; CAS No. : 51981-21-6
SODIUM HYDROXIDE ; CAS No. : 1310-73-2
QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash ... thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P310 Immediately call a POISON CENTER/doctor/....
P321 Specific treatment (see ... on this label).
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P405 Store locked up.

Remark

The product is classified and labelled according to EC directives or corresponding national laws.

2.3 Other hazards

Frequently or prolonged contact with skin may cause dermal irritation.

Adverse human health effects and symptoms

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

Adverse environmental effects

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

2.4 Additional information

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

TETRASODIUM N,N-BIS(CARBOXYLATOMETHYL)-L-GLUTAMATE ; REACH No. : 01-2119493601-38 ; EC No. : 257-573-7; CAS No. : 51981-21-6

Weight fraction : $\geq 5 - < 10$ %
Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290

SODIUM HYDROXIDE ; REACH No. : 01-2119457892-27 ; EC No. : 215-185-5; CAS No. : 1310-73-2

Weight fraction : $\geq 2 - < 2,5$ %
Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Skin Corr. 1A ; H314 Eye Dam. 1 ; H318
Specific Conc. Limits : Skin Corr. 1A ; H314: C ≥ 5 % • Eye Dam. 1 ; H318: C ≥ 2 % • Skin Corr. 1B ; H314: C ≥ 2 % • Skin Corr. 1C ; H314: C ≥ 2 % • Eye Irrit. 2 ; H319: C $\geq 0,5$ % • Skin Irrit. 2 ; H315: C $\geq 0,5$ %

ALCOHOLS, C9-11, ETHOXYLATED ; EC No. : 934-092-7; CAS No. : 68439-46-3

Weight fraction : $< 2,5$ %
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

SILICIC ACID, SODIUM SALT ; REACH No. : 01-2119448725-31 ; EC No. : 215-687-4; CAS No. : 1344-09-8

Weight fraction : $\geq 1 - < 2,5$ %
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 STOT SE 3 ; H335

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QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; REACH No. : POLYMER ; EC No. : 810-152-7; CAS No. : 1554325-20-0
Weight fraction : $\geq 1 - < 2,5 \%$
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315

Additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

No special measures are necessary.

In case of skin contact

Wash immediately with: Water and soap Change contaminated, saturated clothing. Wash contaminated clothing prior to re-use.

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Following ingestion

Call a physician in any case! Do NOT induce vomiting. If major quantity of dust is swallowed or inhaled, immediately drink: Water

4.2 Most important symptoms and effects, both acute and delayed

The following symptoms may occur: No known symptoms to date. Repeated exposure may cause skin dryness or cracking.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water mist Foam Extinguishing powder Carbon dioxide (CO₂)

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Do not breathe gas/fumes/vapour/spray. Carbon monoxide Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment

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Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Emergency procedures

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

For containment

Collect in closed and suitable containers for disposal. Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Suitable material for taking up: Sand Absorbing material, organic

6.4 Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage



7.1 Precautions for safe handling

Protective measures

Measures to prevent aerosol and dust generation

During filling, metering and sampling should be used if possible: Closed devices

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep/Store only in original container. Suitable container/equipment material: Stainless steel Polyethylene (PE)
Unsuitable container/equipment material: Butyl caoutchouc (butyl rubber)

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL-/PNEC-values

DNEL/DMEL

TETRASODIUM N,N-BIS(CARBOXYLAMOMETHYL)-L-GLUTAMATE ; CAS No. : 51981-21-6

Limit value type :	DNEL Consumer (systemic)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	1,8 mg/m ³
Limit value type :	DNEL Consumer (systemic)
Exposure route :	Dermal
Exposure frequency :	Long-term
Limit value :	7500 mg/kg bw/day
Limit value type :	DNEL Consumer (systemic)
Exposure route :	Oral
Exposure frequency :	Long-term

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Limit value : 1,5 mg/kg bw/day
Limit value type : DNEL worker (local and systemic)
Exposure route : Inhalation
Exposure frequency : Short duration (directly), locally
Limit value : 55 mg/m³
Limit value type : DNEL worker (systemic)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 7,3 mg/m³
Limit value type : DNEL worker (systemic)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 15000 mg/kg bw/day
SODIUM HYDROXIDE ; CAS No. : 1310-73-2
Limit value type : DNEL/DMEL (Consumer)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 1 mg/m³
Limit value type : DNEL/DMEL (Worker)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 1 mg/m³
SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8
Limit value type : DNEL Consumer (systemic)
Exposure route : Oral
Limit value : 0,8 mg/kg
Limit value type : DNEL Consumer (systemic)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 1,38 mg/m³
Limit value type : DNEL Consumer (systemic)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 0,8 mg/kg
Limit value type : DNEL worker (local and systemic)
Exposure route : Inhalation
Exposure frequency : Long-term
Limit value : 5,61 mg/m³
Limit value type : DNEL worker (local and systemic)
Exposure route : Dermal
Exposure frequency : Long-term
Limit value : 1,59 mg/m³

8.2 Exposure controls

Personal protection equipment



Eye/face protection

Eye glasses with side protection

Skin protection

Hand protection Suitable gloves type EN ISO 374 Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber) Required properties liquid-tight. Breakthrough time Permeation time (maximum wear duration) Thickness of the glove material

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Nitril: 0,12 mm Butyl: 0,50 mm

General information

Immediately remove any contaminated clothing, shoes or stockings. Wash contaminated clothing prior to re-use.

Environmental exposure controls

See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Colour : light brown

Odour : odourless

Safety characteristics

Initial boiling point and boiling range :	(1013 hPa)	>	100	°C
Density :	(20 °C)	approx.	1,09	g/cm ³
Water solubility :	(20 °C)		100	Weight-%
pH :	(20 °C / 100 g/l)		13,5	
Partition coefficient (n-octanol/water) :		<	3	
Viscosity :	(20 °C)	<	10	mPa*s
Physical state :	Liquid			
Melting point/freezing point :	not applicable			
Decomposition temperature :	No data available			
Freezing point :	No data available			
Flash point :	not applicable			
Auto-ignition temperature :	No data available			
Lower explosion limit :	not applicable			
Upper explosion limit :	not applicable			
Vapour Pressure :	No data available			
Evaporation rate (n-butylacetate = 1) :	No data available			
Vapour density (air = 1) :	No data available			
Covered by Detergents Regulation Yes / No:	yes			

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

not applicable

10.2 Chemical stability

Stable under normal conditions of use

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Strong oxidizers

10.6 Hazardous decomposition products

No information available.

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SECTION 11: Toxicological information

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

Acute toxicity

Acute oral toxicity

Parameter : LD50 (ALCOHOLS, C9-11, ETHOXYLATED ; CAS No. : 68439-46-3)
Exposure route : Oral
Species : Rat
Effective dose : > 2000 mg/kg
Parameter : LD50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Oral
Species : Rat
Effective dose : 3400 mg/kg
Parameter : LD50 (QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Exposure route : Oral
Species : Rat
Effective dose : > 300 - 2000 mg/kg

Acute dermal toxicity

Parameter : LD50 (TETRASODIUM N,N-BIS(CARBOXYLATOMETHYL)-L-GLUTAMATE ; CAS No. : 51981-21-6)
Exposure route : Dermal
Species : Rat
Effective dose : > 2000 mg/kg
Parameter : LD50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Dermal
Species : Rat
Effective dose : > 5000 mg/kg

Acute inhalation toxicity

Parameter : LD50 (TETRASODIUM N,N-BIS(CARBOXYLATOMETHYL)-L-GLUTAMATE ; CAS No. : 51981-21-6)
Exposure route : Inhalation
Species : Rat
Effective dose : > 2000 mg/kg
Parameter : LC50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Exposure route : Inhalation
Species : Rat
Effective dose : > 2,06 g/m³

Corrosion

Skin corrosion/irritation

Parameter : Skin corrosion/irritation (QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Result : Irritant
corrosive.

Serious eye damage/eye irritation

Parameter : Serious eye damage/eye irritation (ALCOHOLS, C9-11, ETHOXYLATED ; CAS No. : 68439-46-3)
Result : Causes serious eye irritation
Parameter : Serious eye damage/eye irritation (QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Result : Causes serious eye irritation
corrosive.

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Irritation to respiratory tract

No data available

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Germ cell mutagenicity

No indications of human germ cell mutagenicity exist.

Reproductive toxicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

STOT-single exposure

not applicable

STOT-repeated exposure

Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.

11.2 Information on other hazards

No information available.

SECTION 12: Ecological information

12.1 Toxicity

Harmless to aquatic organisms up to the tested concentration.

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter :	LC50 (TETRASODIUM N,N-BIS(CARBOXYLATOMETHYL)-L-GLUTAMATE ; CAS No. : 51981-21-6)
Species :	Oncorhynchus mykiss (Rainbow trout)
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	> 100 mg/l
Exposure time :	96 hour(s)
Parameter :	LC50 (SODIUM HYDROXIDE ; CAS No. : 1310-73-2)
Species :	Acute (short-term) fish toxicity
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	35 - 189 mg/l
Exposure time :	96 hour(s)
Parameter :	LC50 (ALCOHOLS, C9-11, ETHOXYLATED ; CAS No. : 68439-46-3)
Species :	Oncorhynchus mykiss (Rainbow trout)
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	1 - 10
Exposure time :	96 hour(s)
Method :	OECD 203
Parameter :	LC50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Species :	Danio rerio (zebrafish)
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	1108 mg/l
Exposure time :	96 hour(s)
Parameter :	LC50 (QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Species :	Acute (short-term) fish toxicity
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	> 10 - 100 mg/l
Exposure time :	96 hour(s)

Acute (short-term) toxicity to crustacea

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Parameter : EC50 (TETRASODIUM N,N-BIS(CARBOXYLATOMETHYL)-L-GLUTAMATE ; CAS No. : 51981-21-6)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : > 100 mg/l
Exposure time : 48 hour(s)
Parameter : EC50 (SODIUM HYDROXIDE ; CAS No. : 1310-73-2)
Species : Acute (short-term) daphnia toxicity
Effective dose : 40,4 mg/l
Exposure time : 48 hour(s)
Parameter : EC50 (ALCOHOLS, C9-11, ETHOXYLATED ; CAS No. : 68439-46-3)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : 1 - 10 mg/l
Exposure time : 48 hour(s)
Parameter : EC50 (SILICIC ACID, SODIUM SALT ; CAS No. : 1344-09-8)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : 1700 mg/l
Exposure time : 48 hour(s)
Parameter : EC50 (QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Species : Daphnia pulex (water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : > 1 - 10 mg/l
Exposure time : 48 hour(s)

Chronic (long-term) toxicity to aquatic invertebrate

Parameter : NOEC (TETRASODIUM N,N-BIS(CARBOXYLATOMETHYL)-L-GLUTAMATE ; CAS No. : 51981-21-6)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Chronic (long-term) daphnia toxicity
Effective dose : >= 265,7 mg/l
Exposure time : 21 D

Acute (short-term) toxicity to algae and cyanobacteria

Parameter : ErC50 (TETRASODIUM N,N-BIS(CARBOXYLATOMETHYL)-L-GLUTAMATE ; CAS No. : 51981-21-6)
Species : Desmodesmus subspicatus
Evaluation parameter : Acute (short-term) algae toxicity
Effective dose : > 100 mg/l
Exposure time : 72 hour(s)
Parameter : EC50 (QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Species : Acute (short-term) algae toxicity
Effective dose : > 1 - 10 mg/l
Exposure time : 72 hour(s)

12.2 Persistence and degradability

Biodegradable.

Biodegradation

Parameter : Biodegradation (ALCOHOLS, C9-11, ETHOXYLATED ; CAS No. : 68439-46-3)
Inoculum : Biodegradation
Evaluation : Readily biodegradable (according to OECD criteria).
Parameter : Biodegradation (QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Inoculum : Biodegradation

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Degradation rate : 63 %
Test duration : 28 D
Parameter : Biodegradation (QUATERNARY AMMONIUM COMPOUNDS, C12-14-ALKYL(HYDROXYETHYL) DIMETHYL, ETHOXYLATED, CHLORIDES ; CAS No. : 1554325-20-0)
Evaluation : Readily biodegradable (according to OECD criteria).
Method : OECD 301D

12.3 Bioaccumulative potential

Parameter : Partition coefficient n-octanol/water (log value) (ALCOHOLS, C9-11, ETHOXYLATED ; CAS No. : 68439-46-3)
log PoW
Value : 2,4
No indication of bioaccumulation potential.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Delivery to an approved waste disposal company. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.1 UN number or ID number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

14.6 Special precautions for user

None

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

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EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Regulation (EC) No. 1907/2006 (REACH), Annex XVII (restrictions)

Use restriction according to REACH annex XVII, no. : 3, 75

Other regulations (EU)

Labelling for contents according to regulation (EC) No. 648/2004

non-ionic surfactants	< 5 %
cationic surfactants	< 5 %
amphoteric surfactants	< 5 %

15.2 Chemical Safety Assessment

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

15.3 Additional information

Algemene beoordelingsmethodiek (ABM 2016) Saneringsinspanning B Klasse: 5 - Weinig schadelijk voor in water levende organismen

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients

16.2 Abbreviations and acronyms

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road
ASTM = American Society of Testing and Materials (US)
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)
DNEL = Derived No-Effect Level
DT50 = Time for 50% loss; half-life
EbC50 = Median effective concentration (biomass, e.g. of algae)
EC50 = Median effective concentration
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)
ErC50 = Median effective concentration (growth rate, e.g. of algae)
EWC = European Waste Catalogue
IATA = International Air Transport Association
IC50 = Concentration that produces 50% inhibition
IMDG = International Maritime Dangerous Goods Code
IMO = International Maritime Organization
LC50 = Concentration required to kill 50% of test organisms
LD50 = Dose required to kill 50% of test organisms
LEL = Lower Explosive Limit/Lower Explosion Limit
LOAEL = Lowest observed adverse effect level
MRL = Maximum Residue Limit
NOAEL = No Observed Adverse Effect Level
NOEC = No observed effect concentration
NOEL = No Observable Effect Level
OEL = Occupational Exposure Limits
PBT = Persistent, Bioaccumulative or Toxic
PNEC = Predictable Non Effect Concentration
STEL = Short-Term Exposure Limit
TWA = Time-Weighted Average
vPvB = Very Persistent and Very Bioaccumulative

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006
(amended by Regulation (EU) No 2020/878)



Trade name : Americol Ship Clean Power Xtra
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No 1272/2008 [CLP]

No information available.

16.5 Relevant H- and EUH-phrases (Number and full text)

H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

16.6 Training advice

None

16.7 Additional information

Article No.: 848

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
