# Safety Data Sheet
## according to Regulation (EC) No. 1907/2006 (REACH)

| | | | |
|---|---|---|---|
| **Trade name :** | Americol Ships Detergent | | |
| **Revision date :** | 19-10-2020 | **Version (Revision) :** | 3.1.0 (3.0.0) |
| **Print date :** | 22-12-2020 | | |

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

### 1.1 Product identifier
Americol Ships Detergent

### 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 (manufacturer/importer/only representative/downstream user/distributor)
Americol BV

**Street :** Sluispolderweg 33

**Postal code/city :** 1505 HJ Zaandam

**Telephone :** +31 (0)75-631 32 44

**Information contact :** Dept. Safety, Health and Environment

**Website :** www.americol.nl

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

### 1.4 Emergency telephone number
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]
Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritation.

### 2.2 Label elements
#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]
**Hazard pictograms**

Exclamation mark (GHS07)

**Signal word**

Warning

**Hazard statements**

| | |
|---|---|
| H319 | Causes serious eye irritation. |

**Precautionary statements**

| | |
|---|---|
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P337+P313 | If eye irritation persists: Get medical advice/attention. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

**Remark**

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

### 2.3 Other hazards

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

### 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**

BENZENESULFONIC ACID, C10-C13-ALKYL DERIVS., SODIUM-SALT ; REACH No. : 01-2119489428-22 ; EC No. : 270-115-0; CAS No. : 68411-30-3

| | |
|---|---|
| Weight fraction : | ≥ 1 - < 2,5 % |
| Classification 1272/2008 [CLP] : | Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315 Aquatic Chronic 3 ; H412 |

ALKYLETHERSULFAAT, NA-ZOUT ; REACH No. : 01-2119488639-16 ; EC No. : 500-234-8; CAS No. : 68891-38-3

| | |
|---|---|
| Weight fraction : | ≥ 1 - < 2,5 % |
| Classification 1272/2008 [CLP] : | Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319 Aquatic Chronic 3 ; H412 |

**Additional information**

Full text of H- and EUH-phrases: 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

Change contaminated, saturated clothing. Wash contaminated clothing prior to re-use.

#### After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### After 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.

### 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

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

**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.

### 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

None

### 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)

### 7.3 Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment

##### Skin protection

Hand protection Suitable gloves type EN ISO 374 Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber) Required properties liquid-tight. Breakthrough time (maximum wearing time) Permeation time (maximum wear time) Thickness of the glove material Nitril: 0,12 mm Butyl: 0,50 mm Skin and body protection: normal working clothes.

#### 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 :** green

**Odour :** Perfume

#### Safety characteristics

| | | | | |
|---|---|---|---|---|
| **Physical state :** | | | Liquid | |
| **Melting point/freezing point :** | | | not applicable | |
| **Initial boiling point and boiling range :** | ( 1013 hPa ) | > | 100 | °C |
| **Decomposition temperature :** | | | No data available | |
| **Freezing point :** | | | No data available | |
| **Flash point :** | | | not applicable | |
| **Auto-ignition temperature :** | | | No data available | |
| **Lower explosion limit :** | | | | Vol-% |
| **Upper explosion limit :** | | | | Vol-% |
| **Vapour Pressure :** | ( 20 °C ) | | No data available | |
| **Evaporation rate (n-butylacetate = 1) :** | | | No data available | |
| **Density :** | ( 20 °C ) | approx. | 1,02 | g/cm$^3$ |
| **Water solubility :** | ( 20 °C ) | | 100 | Wt % |
| **pH :** | | | 8 | |
| **Partition coefficient (n-octanol/water) :** | | < | 3 | |
| **Viscosity :** | ( 20 °C ) | | 250 | mPa*s |
| **Vapour density (air = 1) :** | ( 101 kPa ) | | No data available | |
| **Valt onder Detergentia Verordening (EG) Nr. 648/2004 J/N** | | | 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.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

**Acute oral toxicity**

| | |
|---|---|
| Parameter : | LD50 ( BENZENESULFONIC ACID, C10-C13-ALKYL DERIVS., SODIUM-SALT ; CAS No. : 68411-30-3 ) |
| Exposure route : | Oral |
| Species : | Rat |
| Effective dose : | 300 - 2000 mg/kg |

#### Corrosion

**Skin corrosion/irritation**
Not an irritant.

**Serious eye damage/eye irritation**
Not an irritant.

**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

## SECTION 12: Ecological information

### 12.1 Toxicity
harmless to aquatic organisms up to the tested concentration

### 12.2 Persistence and degradability
Biodegradable.

### 12.3 Bioaccumulative potential
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 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

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 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

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

**EU legislation**

**Authorisations and/or restrictions on use**

**Restrictions on use**

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

**Other regulations (EU)**

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

| | | |
|---|---|---|
| anionic surfactants | < 5 | % |
| non-ionic surfactants | < 5 | % |
| 2,4-Imidazolidinedione,(hydroxymethyl)-5,5-dimethyl-(9CI) | < 5 | % |
| Preservative | < 5 | % |
| perfumes | < 5 | % |

### 15.2 Chemical safety assessment

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

## SECTION 16: Other information

### 16.1 Indication of changes

01. Sectors of use [SU] · 15. Restrictions on use

### 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 Substan
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 = Previsible Non Effect Concentration
STEL = Short-Term Exposure Limit
TWA = Time-Weighted Average
vPvB = Very Persistent and Very Bioacccumulative

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Indeling van de stof of het mengsel: classificatie conform Verordening (EG) Nr. 1272/2008 [CLP] door middel van calculatiemethode via software.

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

| | |
|---|---|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

### 16.6 Training advice

None

### 16.7 Additional information

**Article No.:** 815

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.