

## SAFETY DATA SHEET

# Multicleaner

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

### 1.1. Product identifier

#### Trade name

Multicleaner

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

#### Relevant identified uses of the substance or mixture

No special

#### Uses advised against

No special

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

#### Company and address

##### **Vecom Marine B.V.**

Mozartlaan 3

3144 NA Maassluis

The Netherlands

+31 (0) 10-5930210

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<https://vecom-marine.com>

#### Contact person

Vecom Marine B.V.

#### E-mail

[sales@vecom-marine.com](mailto:sales@vecom-marine.com)

#### Revision

11/04/2022

#### SDS Version

2.0

#### Date of previous version

11/04/2022 (2.0)

### 1.4. Emergency telephone number

National Poisons Information Centre (NVIC): +31 (0)88-755-8000 (24 hour service)

Only intended to inform professional emergency services in case of acute poisoning.

See section 4 on first aid measures.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Eye Dam. 1; H318, Causes serious eye damage.

Carc. 2; H351, Suspected of causing cancer.

### 2.2. Label elements

#### Hazard pictogram(s)



#### Signal word

Danger

#### Hazard statement(s)

Causes serious eye damage. (H318)

Suspected of causing cancer. (H351)

#### Safety statement(s)

##### General

-

##### Prevention

Obtain special instructions before use. (P201)

Wear eye protection. (P280)

##### Response

IF exposed or concerned: Get medical advice/attention. (P308+P313)

Immediately call a POISON CENTER/doctor. (P310)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

##### Storage

-

##### Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)

#### Hazardous substances

Sulfonic acids, petroleum, sodium salts

Isotridecanol, ethoxylated (Imbentin T080/90)

Acetic acid, nitrilotri-, trisodium salt, monohydrate

#### 2.3. Other hazards

##### Additional labelling

Not applicable

##### Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Sulfonic acids, petroleum, sodium salts	CAS No.: 68608-26-4 EC No.: 271-781-5 REACH: 01-2119527859-22-XXXX Index No.:	5-10%	Skin Irrit. 2, H315 Eye Dam. 1, H318	
Isotridecanol, ethoxylated (Imbentin T080/90)	CAS No.: 9043-30-5 EC No.: 500-027-2 REACH: Index No.:	3-5%	Acute Tox. 4, H302 Eye Dam. 1, H318	
Acetic acid, nitrilotri-, trisodium salt, monohydrate	CAS No.: 18662-53-8 EC No.: 606-091-9 REACH: Index No.:	1-3%	Acute Tox. 4, H302 Eye Irrit. 2, H319 Carc. 2, H351	
Diphenyl ether	CAS No.: 101-84-8	<0.0015%	Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=1)	[1]

	EC No.: 202-981-2		Aquatic Chronic 3, H412	
	REACH:			
	Index No.:			
isopentyl acetate;2-methylbutyl acetate;2(or 3)-methylbutyl acetate;pentyl acetate;1-methylbutyl acetate	CAS No.: 123-92-2 EC No.: 204-662-3 REACH: 01-2119548408-32-XXXX Index No.: 607-130-00-2	<0.0015%	EUH066 Flam. Liq. 3, H226	[1]

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

##### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

##### Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

##### Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

##### Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

##### Burns

Not applicable

#### 4.2. Most important symptoms and effects, both acute and delayed

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

##### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

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

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### Recommended storage material

Always store in containers of the same material as the original container.

#### Storage temperature

Dry, cool and well ventilated

#### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

—  
Diphenyl ether

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 14

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 7

—  
isopentyl acetate;2-methylbutyl acetat;2(or 3)-methylbutyl acetate;pentyl acetate;1-methylbutyl acetate

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 530

Annex XIII of the Working Conditions Regulation, List of legal limit values.

#### DNEL

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
DNEL	9.6 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Short term – Systemic effects - Workers

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
DNEL	3.2 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
DNEL	2.4 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Short term – Systemic effects - General population

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
DNEL	0.9 mg/kg
Route of exposure	Oral
Duration	Short term – Systemic effects - General population

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
DNEL	0.8 mg/m <sup>3</sup>
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
DNEL	0.3 mg/kg
Route of exposure	Oral
Duration	Long term – Systemic effects - General population

#### PNEC

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
PNEC	0.93 mg/l
Route of exposure	Freshwater
Duration of Exposure	

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
PNEC	0.093 mg/l
Route of exposure	Marine water
Duration of Exposure	

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
PNEC	0.8 mg/l
Route of exposure	Intermittent release
Duration of Exposure	

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
PNEC	270 mg/l

Route of exposure      Sewage treatment plant  
Duration of Exposure

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

Do not recirculate outlet air that contain the substances.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

## Individual protection measures, such as personal protective equipment

### Generally

Use only CE marked protective equipment.

### Respiratory Equipment

No specific requirements

### Skin protection

No specific requirements

### Hand protection

No specific requirements

### Eye protection

Type	Standards
Wear safety glasses with side shields.	EN166



## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Green

#### Odour / Odour threshold

Characteristic

#### pH

8,5

#### Density (g/cm<sup>3</sup>)

1.03 (20 °C)

#### Relative density

1.03 (20 °C)

#### Kinematic viscosity

Testing not relevant or not possible due to nature of the product.

#### Particle characteristics

Does not apply to liquids.

## Phase changes

Melting point/Freezing point (°C)

-3

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

105

Vapour pressure

Testing not relevant or not possible due to nature of the product.

Relative vapour density

Testing not relevant or not possible due to nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

## Data on fire and explosion hazards

Flash point (°C)

Testing not relevant or not possible due to nature of the product.

Ignition (°C)

Testing not relevant or not possible due to nature of the product.

Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to nature of the product.

## Solubility

Solubility in water

Testing not relevant or not possible due to nature of the product.

n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

## 9.2. Other information

Other physical and chemical parameters

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

No special

### 10.4. Conditions to avoid

No special

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

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

Acute toxicity

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
Test method	

Species	Rat
Route of exposure	Inhalation
Test	LC50 (4 hours)
Result	2 - 5 mg/L
Other information	

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>10000 mg/kg
Other information	

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	1300 - 1600 mg/kg
Other information	

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Causes serious eye damage.

#### Respiratory sensitisation

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Suspected of causing cancer.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

### 11.2. Information on other hazards

#### Long term effects

**Carcinogenic effects:** This product contains substances considered or proven to be carcinogenic. The carcinogenic effects may be triggered subsequent to exposure through inhalation, skin contact or ingestion.

**Irritation effects:** This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

#### Endocrine disrupting properties

No special

#### Other information

No special



## SECTION 12: Ecological information

### 12.1. Toxicity

Product/substance	Sulfonic acids, petroleum, sodium salts
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	1 - 10 mg/L
Other information	

Product/substance	Sulfonic acids, petroleum, sodium salts
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	9.81 mg/L
Other information	

Product/substance	Sulfonic acids, petroleum, sodium salts
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	> 61 mg/L
Other information	

Product/substance	Sulfonic acids, petroleum, sodium salts
Test method	
Species	Bacteria
Compartment	
Duration	16 hours
Test	NOEC
Result	600 mg/L
Other information	

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	103 mg/L
Other information	

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
Test method	
Species	Daphnia
Compartment	

Duration	48 hours
Test	EC50
Result	560 mg/L
Other information	

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	>91.5 mg/L
Other information	

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	NOEC
Result	1.43 mg/L
Other information	

## 12.2. Persistence and degradability

Product/substance	Acetic acid, nitrilotri-, trisodium salt, monohydrate
Biodegradable	Yes
Test method	
Result	

## 12.3. Bioaccumulative potential

No data available

## 12.4. Mobility in soil

No data available

## 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

## 12.6. Endocrine disrupting properties

No special

## 12.7. Other adverse effects

No special

# SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 4 - Irritant (skin irritation and eye damage)

HP 7 - Carcinogenic

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

### EWC code

Not applicable

### Specific labelling

Not applicable

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available

## SECTION 15: Regulatory information

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

#### Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

#### Demands for specific education

No specific requirements

#### SEVESO - Categories / dangerous substances

Not applicable

#### Additional information

Not applicable

#### Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

Working Conditions Act 1998 and latest Working Conditions Decree of 01-01-2021.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Full text of H-phrases as mentioned in section 3

EUH066, Repeated exposure may cause skin dryness or cracking.

H226, Flammable liquid and vapour.

H302, Harmful if swallowed.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H351, Suspected of causing cancer.

H400, Very toxic to aquatic life.

H412, Harmful to aquatic life with long lasting effects.

#### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

#### ▼ The safety data sheet is validated by

RK

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: NL-en