

SAFETY DATA SHEET

Legal basis: Ordinance (WE) nr 1907/2006 Of European Parliament and Council from December 18th 2006 REACH case.

Date of card preparation: 17. 10. 2010

Update:
10.08.2018

„AVICID- ACID DISINFECTANT”

CONCENTRATE FOR WASHING FOR DAIRY DEVICES

SECTION 1. Identification of the substance and identification of the manufacturer, importer or distributor.

1.1. Identification of the substance

Trade name: AVICID
Use of the product: Cleaning product

1.2. Application:

Identified application:
Surface cleaning in food processing.

Discouraged application:

Not-known

1.3. Manufacturer identification:

Name and address of a company: AVITA Sławomir Rutz
86-031 Osielsko,
ul. Leśna 40 Poland

REGON number: 093065866

Telephone number: 48 (52) 324 15 10 /7 a.m.-3 p.m./
Fax number: 48 (52) 324 15 26

1.4. Emergency telephone number:

Manufacturer/Distributor/Importer

Emergency telephone number: +48 (52) 324 15 10 (07.00 – 15.00 (on working days)

Telephone number Poison control center: +48 (42) 657 99 00, (42) 631 47 67
(24h)

SECTION 2. Hazard identification

2.1 Substance or mixture classification

Product definition: Mixture

This product is classified and labeled in accordance with Regulation (EC) No. 1272/2008. Skin Corr. 1A (H314)

Classification according to Directive 1999/45 /EC and the relevant national regulations

The full wording of the H phrases declared above is found in section 16.

Danger to human health: Causes severe burns.

2.2 Elements of marking

Hazard pictograms



Signal word: Danger

Contains nitric acid (Nitric acid)

Phrases indicating the type of hazard:

H314 - Causes severe skin burns and eye damage.

Precautionary statements:

P280 - Stosować rękawice ochronne / ochrony oczu / ochrona twarzy /

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately
all contaminated clothing. Rinse skin with water or shower.

P305 + P351 + P338 - IF IN EYES: In case of eye contact. Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to remove. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor / physician.

2.3 Other hazards

Other hazards not reflected in the classification:

Do not mix with bleach or other chlorine products - chlorine gas is released.

The product does not meet the PBT or vPvB criteria in accordance with Regulation (EC) No. 1907/2006, Annex XIII.

SECTION 3. Composition / Information on ingredients

3.2 Mixtures

Ingredient name	% concentration	Nr WE Nr CAS Nr REACH	GHS/CLP: Regulation (EC) No 1272/2008 (CLP)
Nitric acid	15-30 %	WE: 231-714-2 CAS: 7697-37-2 REACH: 01-2119487297-23	Ox. Liq.3, H272 Skin Corr.1A, H314 Eye Dam. 1, H318
Sulphuric Acid	5-15	WE: 231-639-5 CAS: 7664-93-9 REACH: 01-2119458838-20	Note B Skin Corrosion Category 1A; H314
Phosphoric acid	<5	WE: 231-633-2 CAS: 7664-38-2 REACH: 01-2119485924-24	Acute Tox. 4,H302 Skin Corr. 1B, H314 Eye Dam. 1, H318

The full wording of the H-phrases mentioned in this section can be found in Section 16.

SECTION 4. First aid

Inhalation

Get medical attention immediately. Move out or take out the victim to fresh air and provide rest conditions in position for easy breathing. If vapors are suspected the rescuer is still present should put on a proper respiratory mask insulation apparatus. If the person does not breathe, breathe irregularly or when breathing has ceased, qualified personnel should perform artificial breathing or give oxygen. It can be dangerous for the person giving mouth artificially breathing. In case of unconsciousness, it should be arrange for first aid and call for help immediately medical.

Eye contact

Get medical attention immediately. Rinse immediately with large eyes the amount of water, from time to time raising the upper and lower eyelids. Remove the glass if they are. Continue rinsing for at least 15 minutes. Chemical burns should be immediately labeled by a doctor.

Skin contact

Get medical attention immediately. Rinse skin with plenty of contaminated skin water. Remove contaminated clothing and shoes. It should be thoroughly washed off contaminated with water before removing it or putting on gloves. Continue rinsing for at least 15 minutes. Chemical burns should be immediately provided by a doctor. Wash clothing before reuse. Clean exactly shoes before re-application.

Ingestion

Get medical attention immediately. Rinse mouth with water. Take out the dentures dental if they are. Remove or take the victim to fresh air and provide conditions for rest in an enabling position free breathing. Do not induce vomiting unless it is recommended by medical staff. In case of vomiting, the head should be kept low so that vomit does not get into the lungs. Burns chemicals should be immediately labeled by a doctor. Never no give anything by mouth to an unconscious person. In case of loss of consciousness should be placed in the first aid position and immediately call for medical help. Provide open ventilation. Loosen tight clothing, such as a collar, tie or belt.

Protection of persons

No action should be taken that would pose a risk to giving first aid to anyone unless you are properly trained. If she suspects help yourself that the fumes are still present the rescuer should put on the correct mask or respiratory isolation apparatus. It can be dangerous for the person giving mouth artificially breathing. It should be thoroughly washed off contaminated

SECTION 5. Proceedings in case of fire

5.1. Extinguishing media

Suitable extinguishing media

In case of fire, use water spray (mist), use foam, dry chemical or CO₂.

Unsuitable extinguishing media

Unknown.

5.2. Special hazards arising from the substance or mixture

Hazards from the substance or mixture:

In a fire or if heated, a pressure increase will occur and the container may explode.

Hazardous products of combustion

nitrogen oxides
phosphorus oxides
carbon oxides
sulfur oxides

5.3. Information for firefighters

Special precautions for fire brigades

Promptly isolate the area by removing all persons from the vicinity of the accident if there is a fire. You should not take any action that would put anyone at risk unless you are properly trained.

Personal protective equipment for firefighters

Firefighters should wear appropriate protective equipment and personal respiratory equipment (SCBA) with a mask covering the entire face acting in the area of elevated pressure.

SECTION 6. Proceedings in case of accidental release to environment

6.1 Personal precautions, protective equipment and emergency procedure

For personnel involved in the rescue operation

If special clothing is needed to dispose of the spillage, read the information in section 8 regarding appropriate and unsuitable materials. Additional information on hygiene measures is given in section 8.

For personnel not involved in the rescue operation

Do not take any action that would pose a risk to anyone unless you are properly trained. Evacuate people from nearby areas. Do not allow entry - unnecessary and unsecured personnel. Do not touch or spread over spilled material. Do not inhale vapor or mist. Ensure proper ventilation. In case insufficient ventilation, wear a proper mask. Put on appropriate personal protective equipment.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Protective measures: Wear appropriate personal protective equipment (see section 8). Do not allow it to get into your eyes, skin or clothing. Do not inhale vapor or mist. Do not consume. If, under normal conditions of use, the material is a respiratory hazard, use adequate ventilation or wear a respirator. Store in the original container or an approved alternative container, made of compatible material, tightly closed, if not used. Keep away from the rules. Empty containers can store product residues and can be dangerous. Do not re-use the container.

Advice on general occupational hygiene

It is forbidden to consume food and beverages and to smoke tobacco in the area in which this matter is stored, moved and processed. Workers should wash their hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering the dining room. Additional information on hygiene measures is given in section 8.

7.2 Conditions for safe storage, including any incompatibilities

Store in the following temperature range:

-20 to 40°C (-4 to 104°F). Store in accordance with local regulations. Store in the original packaging, away from direct sunlight; in a dry, cool and well-ventilated room; away from incompatible materials (see item 10), drinks and food. Keep separate from the rules. The container should remain closed and tight until use. Containers that have been opened must be resealed and kept in a vertical position to prevent leakage. Do not store in unmarked containers. Use appropriate containers to avoid contamination of the environment.

7.3 Specific end use (s)

Recommendations: Not applicable

Solutions specific to the industrial sector: Not applicable

The information provided in this section contains general advice and guidance. For information on specific uses, exposure scenarios, refer to the list of identified uses under point 1.

SECTION 8. Exposure control and personal protection means

8.1 Control parameters

Highest permissible substance concentrations in the work environment

Product/ Ingredient	Highest permissible substance concentrations in the work environment
Nitric Acid	Regulation of the Minister of Labor and Social Policy ((Journal of Laws of 2002 No. 217, item 1833, as amended) (Poland, 8/2010). NDSCh: 2.6 mg / m ³ 15 minutes / minutes. NDS: 1.4 mg / m ³ 8 hour / hour.
Sulphuric Acid	Regulation of the Minister of Labor and Social Policy ((Journal of Laws of 2002 No. 217, item 1833, as amended) (Poland, 8/2010). NDSCh: 3 mg / m ³ 15 minutes / minutes. NDS: 1 mg / m ³ 8 hour / hour.
Phosphoric Acid	Regulation of the Minister of Labor and Social Policy (Journal of Laws of 2002 No. 217, item 1833, as amended) (Poland, 8/2010). NDSCh: 2 mg / m ³ 15 minutes / minutes. NDS: 1 mg / m ³ 8 hour / hour.

Levels of secondary impact.

There are no DEL levels available for the mixture.

Concentrations at which impacts are expected.

There are no available PEC concentrations for the mixture.

8.2. Exposure controls

Appropriate technical protection

In case when the user generates dust, gas, vapors or mists, process barriers, local fume extracts or other technical protections should be used to keep the exposure level below the recommended statutory limits.

Individual protection measures, such as personal protective equipment

Hygiene measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the toilet, as well as after the end of the shift. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before re-use. Make sure eyewash stations and safety showers are located close to the workplace.

Eye / face protection (EN166)

Very recommended: Safety glasses, face masks or other full face shields

Skin protection / Hand protection (EN374)

Highly recommended: Gloves - butyl rubber, nitrile rubber (Breakthrough time: 1 - 4 hours).

Body protection (EN 14605)

Wear a protective clothing that is suitable for the potential involved and subject to expert approval by a qualified person before you start work.

Other skin / body protection

Before using this product, appropriate footwear and additional skin protection measures should be chosen based on the tasks performed and the risks involved. They are subject to approval by a health and safety specialist.

Respiratory protection (EN 143, 14387)

No respirator is needed under normal and intended conditions of product use. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. The selection of the respiratory mask should be made on the basis of the known or expected level of exposure, the danger of the product and the safety limits of the selected mask.

Thermal hazards

Not applicable.

Environmental exposure controls: Emissions from ventilation systems and process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, scrubbers will be needed to remove the fumes, filters or construction modifications of process equipment to reduce emissions to an acceptable level.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical

Look

Physical state: Liquid

Color: Colorless

Odor: Odorless

Odor threshold: no data available

pH: 1 to 1.5 [Conc. (% W / w): 100%]

Temperature: no data available

point /

Starting temperature boiling point and boiling range: no data available

Flash point: > 100 ° C

The product does not support smoking.

Evaporation rate: no data available

Flammability (solid, gas): no data available

Burning time: no data available

Burning speed: no data available

Flammability limits or explosions: upper / lower: no data available

Vapor pressure: no data available

Vapor density: no data available

Relative density: 1.1 to 1.2

Solubility: Easily soluble in the following materials: cold water, hot water.

Partition coefficient n-octanol / water: no data available

Auto-ignition temperature: no data available

Decomposition temperature: no data available

Viscosity: no data available

Explosive properties: Not applicable

Oxidizing properties: Yes

9.2 Other information

No additional information.

SECTION 10. Stability and reactivity

10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability: The product is stable.

10.3 Possibility of hazardous reactions. Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid: No specific data

10.5 Incompatible materials: Particularly reactive or incompatible with the following materials: organic materials, alkalis and moisture.

10.6 Hazardous decomposition products 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

Product / ingredient	Result	Species	Dose	Exposure
Phosphoric acid	LC50 Inhalation	Rat	0.962 mg/l	4 hours
	Dust and mist			
	LD50 Dermal	Rat	>2000 mg/kg	
	LD50 Oral	Rat	>2000 mg/kg	

Conclusion / Summary: No known significant effects or critical hazards.

Estimates of acute toxicity

Route	ATE value
Inhalation (dust and aerosols)	12.83 mg/l

Inhalation (dust and aerosols) 12.83 mg / l

Conclusion / Summary: It is not / are defined for mixtures

Irritating / corrosive effect

Conclusion / Summary: It is not specified for the mixture.

Sensitizing effect

Conclusion / Summary: It is not specified for the mixture.

Mutagenic activity

Conclusion / Summary: It is not specified for the mixture.

Carcinogenic properties

Conclusion / Summary: It is not specified for the mixture.

Reproductive toxicity

Conclusion / Summary: It is not specified for the mixture.

Teratogenicity

Conclusion / Summary: It is not specified for the mixture.

Information on possible: Is not / are specified for the mixture.

routes of exposure

Potential effects of acute effects of a substance or mixture on health

The respiratory tract

May give off gas, vapor or dust that is very irritating to the respiratory system. Contact with decomposition products may be dangerous to health. Serious side effects may be delayed compared to the time of exposure.

Ingestion: May cause burns to mouth, throat or stomach.

Skin contact: Strongly irritating to the skin. Causes severe burns.

Eye contact: Strongly irritating to eyes. Causes severe burns.

Symptoms related to physical, chemical and toxicological characteristics

Inhalation: No specific data available.

Digestive route: The serious symptoms include:

stomach pains

Skin contact: Serious symptoms include:

pain or irritation

reddening

blisters may be present

Eye contact: Serious symptoms include:

ache

lachrymation

reddening

Delayed and immediate effects as well as chronic consequences in the case of short and long-term exposure

Short-term contact

Potential immediate effects: Not determined for the mixture.

Potential delayed effects: Not specified for the mixture.

Long-term contact

Potential immediate effects: Not determined for the mixture.

Potential effects Delayed: Not determined for the mixture.

Potential chronic health effects

Conclusion / Summary: It is not specified for the mixture.

General: No known significant effects or critical hazards.

Carcinogenic properties: No known significant effects or critical hazards.

Mutagenic effects: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards. Developmental disorders: No known significant effects or critical hazards.

Reproductive disturbances: No known significant effects or critical hazards.

Other imation: Not specified for the mixture.

SECTION 12. Ecological information.

12.1 Toxicity

Conclusion / Summary: It is not specified for the mixture.

Components

Toxicity to fish: nitric acid - 96 h LC50: 72 mg / l

sulfuric acid - 96 h LC50: 22mg / l

Toxicity to daphnia: phosphoric acid- 48 h EC50 Daphnia magna (Water flea):> 100 mg / l
and other invertebrates
water

Toxicity to algae: phosphoric acid- 72 h EC50 Desmodesmus subspicatus (green algae):> 100
mg / l

12.2 Persistence and degradability

Conclusion / Summary: The product is predominantly inorganic. Information on biodegradation refers only to the organic component (s).

12.3. Bioaccumulation potential

Product/Ingredient	LogP	BCF	Potential
Nitric Acid	-0.21	-	low

12.4 Mobility in soil

Partition coefficient soil / water (Koc): Not specified for the mixture.

Mobility: Not determined for the mixture.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: No known significant effects or critical hazards.
actions

The information provided in this section contains general advice and guidance. For information on specific uses, exposure scenarios, refer to the list of identified uses under point 1.

SECTION 13. Waste disposal

13.1 Waste treatment methods

Methods of disposal:

The generation of waste should be avoided or minimized wherever possible. Empty containers or their liners can store product residues' Remove the product and its packaging safely. Significant amounts of waste product should not be discharged to the sanitary sewer, but should be treated in a suitable treatment plant. Dispose of excess products and products that are not recyclable in a licensed waste disposal company.

Disposal of this product, solutions or derived products should in any case comply with environmental protection requirements and regulations related to the disposal of waste, as well as with the requirements of local authorities. Avoid release of spilled material, runoff / spreading to soil or contact with soil, surface and ground waters, drains and sewers.14.
Transport information

Hazardous waste: Yes.

Waste code: Regulation of the Minister of Environment of 9 December 2014 on the waste catalog (Journal of Laws of 2014, item 1923).

European waste catalog (EWC)





Waste code	Waste identification
20 01 14*	Acid

Package

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Packaging waste should be recycled. Field combustion or storage should only be considered when recycling is not possible.

Special measures Remove the product and its packaging in a safe manner. Care should be taken when handling empty containers that have not been cleaned or rinsed from the inside. Empty containers or their liners can store product residues. Avoid release of spilled material, runoff / spreading to soil or contact with soil, surface and ground waters, drains and sewers.

	ADR/RID	ADN/ADNR	IMDG	IATA
Number UN (number ONZ)	UN3264	UN3264	UN3264	UN3264
Proper shipping name UN	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Nitric acid, Phosphoric acid)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Nitric acid, Phosphoric acid)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Nitric acid, Phosphoric acid)	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Nitric acid, Phosphoric acid)

Hazard class	 8	 8	 8	 8
Hazard identification number	80	80	80	80
Packing group	II	II	II	II
Environmental hazards	No.	No.	No.	No.
Special precautions for users	None.	None.	None.	None.

14.7 Transport in bulk: Not applicable.

in accordance with Annex II to

MARPOL 73/78 and

the IBC Code

SECTION 15. Legislation information

15.1. Safety, health and environmental regulations specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV- List of substances subject to the authorization procedure

Substances of very high concern

None of the ingredients is listed.

Limitations on: Not applicable
production,
for marketing and use
some
dangerous
substances, preparations
and products

Other EU rules

Declaration of ingredients according to the detergent regulation 648/2004 / EC:

It does not contain ingredients according to the detergent regulation 648/2004 / EC.

National regulations

Consideration should be given to Directive 94/33 / EC on the protection of young workers.

Other regulations

- Act of 25 February 2011 on chemical substances and

their mixtures (unified text, Journal of Laws 2015, item 1203).

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Regulation of the European Parliament and of the Council (EC) no 1272/2008 of 16 December 2008 on classification, labeling and packaging of substances and mixtures, changing and repealing Directives 67/548 / EEC and 1999/45 / EC and amending Regulation (EC) No 1907/2006 (Official Journal Journal of the European Union L series No. 353 of December 31, 2008) from further adaptations to technical progress (ATP).

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Regulation (EC) 1907/2006 of the European Parliament and Council of 18 December 2006 on registration, evaluation, granting permits and applicable restrictions in the field chemicals (REACH), creating a European Agency Chemicals, amending Directive 1999/45 / EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94, as well as Council Directive 76/769 / EEC and Commission Directives 91/155 / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC (published in the Official Journal of the European Union European series L No. 396 from 30.12.2006, with later ones changes)

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Commission Regulation (EU) 830/2015 of 28 May 2015. amending Regulation (EC) No 1907/2006 of the Parliament And the Council on registration, evaluation, and granting permits and restrictions on chemicals (REACH).

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Regulation of the Minister of Health of August 10, 2012 in on the criteria and way of classification of chemical substances and their mixtures (consolidated text, Journal of Laws of 2015, No. 0, item 208).

-

Regulation of the Minister of Economy of December 21, 2005 in on essential protection requirements individual (Journal of Laws No. 259, item 2173).

-

Regulation of the Ministry of Labor and Social Policy of June 6, 2014 in case the highest allowable concentrations and intensities of factors harmful to health in the work environment (Journal of Laws No. 0, item 817 with later changes).

-

Regulation of the Minister of Health of February 2, 2011 on the testing and measurement of agents harmful to health in the work environment (Journal of Laws No. 33, item 166).

-

Act of 19 August 2011 on the transport of goods dangerous (consolidated text, Official Journal of 2016, item 1834).

- Government Statement of 23 March 2011 in the matter
entry into force of amendments to Annexes A and B of the European Agreement
concerning the international carriage of goods by road
Dangerous Goods (ADR), drawn up in Geneva on
September 1957 (Journal of Laws 2011 No. 110 item 641).
- Regulation of the Minister of Health of 20 April 2012 in
on the labeling of packaging of dangerous substances and
dangerous mixtures and some mixtures (Journal of Laws
from 2015, no. 0 item 450).

15.2. Safety assessment:

The product contains substances for which the chemical safety assessment
chemical is still required.

The information evaluation method used to classify according to:

REGULATION (EC) No 1272/2008

Classification

- Corrosive to skin 1A, H314

Substantiation

- Based on product data or evaluation

Classification

- Serious eye damage 1, H318

Substantiation

- Based on product data or evaluation

Full text of H-Statements: H272 May intensify fire: oxidiser.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

Full text of other shortcuts

ADN -European agreement concerning the international carriage of dangerous goods by inland
waterways;

ADR - European Agreement concerning the international transport of dangerous goods by road;

AICS - Australian inventory of chemicals;

ASTM -American Society for Materials Research;

bw-Body weight;

CLP - Procedure for classifying, labeling and packaging; Regulation (EU) No. 1272/2008;

CMR-Carcinogen, mutagen or reproductive toxicant;

DIN - Norma of the German Institute of Standardization;

DSL - National list of substances (Canada);

ECHA - European Chemicals Agency;

EC-Number -Number of the European Community;

ECx - concentration related to x% reaction;

ELx-Load indicator related to x% reaction;

EmS - Emergency schedule;
ENCS - Existing and new chemicals (Japan);
ErCx - Concentration related to x% increase in reaction speed;
GHS - Globally Harmonized System;
GLP -Good laboratory practice;
IARC - International Agency for Research on Cancer;
IATA - International Air Transport Association;
IBC - International code for construction and equipment ships for the transport of dangerous chemicals in bulk;
IC50 -Field of maximum inhibitory concentration;
ICAO - International Civil Aviation Organization;
IECSC - A description of existing chemicals in China;
IMDG - International maritime code of goods hazardous waste;
IMO -International Maritime Organization;
ISHL - Law on industrial safety and health (Japan);
ISO - International Standardization Organization;
KECI - Korean census of existing chemical substances;
LC50 -The concentration of a toxic substance that causes the death of 50% of a population group of test organisms;
LD50 -The dose is needed to cause the death of 50% of the test population (mid-death rate);
MARPOL - International Convention for the Prevention of Pollution from Ships; nose. - Unspecified in a different way;
NO (A) EC -No observed (adverse) concentration effects;
NO (A) EL - A level at which no adverse effect has been observed;
NOELR - Load indicator at which no harmful effect was observed;
NZIoC - New Zealand inventory of chemicals;
OECD - Organization for Economic Cooperation and Development;
OPPTS - Chemical Safety and Contamination Bureau;
PBT -Substance, bioaccumulative and toxic;
PICCS - Philippine list of chemicals and chemicals;
(Q) SAR - Modeling the structure-activity relationship;
REACH-Regulation (EU) No. 1907/2006 of the Parliament European Parliament and of the Council regarding registration and evaluation, authorization and restrictions on chemicals;
RID - Provisions on the international carriage of dangerous goods by rail;
SADT -Super accelerating decomposition temperature;
SDS - Safety Material Safety Card;
TCSI -Tajwański list of chemical substances;
TRGS - Technical rules for dangerous substances;
TSCA - Substance to control toxic substances (United States);
UN - the United Nations;
vPvB - Very persistent and very bioaccumulative
Elaborated by: Regulatory Affairs

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(date)

Information for the reader

The above information is considered to be correct regarding the formula used for production product in the country of origin. Because data, standards and regulations are changed, and conditions of use products and how to handle them are beyond our control, WE DO NOT PROVIDE ANY WARRANTIES OR WARRANTY AS REGARDS COMPLETENESS OR UNLAWFUL CORRECTNESS THESE INFORMATION.

ANNEX: Exposure scenarios

Exposure scenario: Surface cleaning in food processing
Life Cycle Stage: Application in industrial facilities
Product category: PC35 Washing and cleaning agents (including solvent-based products)

A scenario relevant to the control of environmental exposure to:
Environmental release category: ERC4 Industrial use of excipients in processes and products that will not become part of the product
Daily quantity per position: 10 kg
Type of sewage treatment plant: Municipal sewage treatment plant

A scenario relevant to controlling worker exposure for:
Process category: PROC8b Transfer of substances or preparations (loading / unloading) to / from vessels / large containers in premises designated for this purpose
Exposure time: 60 min
Process conditions and means: In the risk management room
Local ventilation is not required
General ventilation; Number of air changes per hour 1
Skin protection: Yes: see section 8
Respiratory protection: No.

A scenario relevant to controlling worker exposure for:
Process category: PROC1 Use in a closed process, no likelihood of exposure
Exposure time: 480 min
Process conditions and risk management measures: In the room
Local ventilation is not required
General ventilation. Number of air changes per hour 1
Skin protection: No.
Respiratory protection: No.