

# MATERIAL SAFETY DATA SHEET

## Acetic Acid technical grade

Date of releasing: 15.02.2025

Date of reviewing: -

Version EN: 1.0



Material Safety Data Sheet in accordance with WE 1907/2006 of 18.12.2006 – REACH and 2020/878 of 18.06.2020.

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

- 1.1 Product identifier Acetic Acid technical grade  
UFI: 3600-606D-D007-53YV
- 1.2 Relevant identified uses of the substance or mixture and uses advised against.  
Identified applications: Industrial use.  
Advised against applications: Do not use for squirting or spraying.  
Do not use for products which come into direct contact with the skin.  
Do not use for private purposes (household).
- 1.3 Details of the supplier of the safety data sheet.  
Distributor: TOMCHEM Sp. z o.o.  
95-050 Konstantynów Łódzki  
ul. Niesięcin 5A  
tel. 42 683-11-83  
tel/fax.: 42-636-43-18
- 1.4 Emergency telephone number 112 (general emergency phone)

### SECTION 2. Hazards identification.

#### 2.1 Classification of the substance or mixture:

Classification and labelling have been determined in accordance with Regulation (EC) 1272/2008 (as amended).  
Product is classified as hazardous in accordance with Regulation (EC) 1272/2008.

Flammable liquid and vapour, Flam Liq. 3; H226  
Causes severe skin burns and eye damage, Skin Corr. 1; H314  
Serious eye damage/eye irritation, Eye Dam. 1; H318

#### 2.2 Label elements:

Pictogram:



Signal word: Danger

Hazard statements:

- H226 Flammable liquid and vapour.  
H314 Causes severe skin burns and eye damage.

Precautionary statements:

- P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
P260 Do not breathe dust/vapours.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P370+P378 In case of fire: Use substances different than water for extinction.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

#### 2.3 Other hazards:

May react violently with various materials (acids, base metals) with the release of hazardous substances (hydrogen).

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Annex XIII of REACH Regulation – Criteria for identifying persistent, bioaccumulative and toxic substances (PBT) and very persistent and very bioaccumulative substances (vPvB) – not applicable.

Substances with endocrine disrupting properties (in accordance with the criteria of Commission Delegated Regulation (EU) 2017/2100, Commission Regulation (EU) 2018/605) – not applicable.

### SECTION 3. Composition/information on ingredients

#### 3.2 Mixtures.

Product identifier	Amount [%]	Hazard class and category codes	Hazard statement codes and supplementary statements	Specific concentration limit, M-factor, Acute toxicity estimate ATE
Acetic acid CAS number: 64-19-7 Index number: 607-002-00-6 EC number: 200-580-7 Reach number: 01-2119475328-30-xxxx	>95	Skin Corr. 1 Flam Liq. 3 Eye Dam. 1	H314 H226 H318	Skin Corr. 1A; H314: C > 90 % Skin Corr. 1B; H314: 25 % < C < 90 % Skin Irrit. 2; H315: 10 % < C < 25 % Eye Dam. 1; H318: C > 25 % Eye Irrit. 2; H319: 10 % < C < 25 %
Acetic anhydride CAS number: 108-24-7 EC number: 203-564-8 Index number: 607-008-00-9	0,1-1	Flam. Liq. 3 Acute Tox. 4 Acute Tox. 2 Skin Corr. 1B Eye Dam. 1 STOT SE 3 EUH071	H226 H302 H330 H314 H318 H335	Skin Corr. 1B; H314: C > 25 % Skin Irrit. 2; H315: 5 % < C < 25 % Eye Dam. 1; H318: C > 5 % Eye Irrit. 2; H319: 1 % < C < 5 % STOT SE 3; H335: C > 5 %

Full text of H phrases in section 16.

\*substance with a specific OEL value.

### SECTION 4. First aid measures.

#### 4.1 Description of first aid measures.

Self-protection of the first aider. Do not leave affected person unattended. Remove victim out of the danger area. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

In case of skin contact:

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Call a physician immediately. Causes poorly healing wounds.

In case of eye contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Remove contact lenses, if present and easy to do. Continue rinsing.

In case of inhalation:

Provide fresh air. Mouth to mouth resuscitation should be avoided. Use alternative methods, preferably with oxygen or compressed air driven apparatus. Get medical advice/attention.

In case of swallowing:

Provide fresh air.

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician in any case.

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

Causes severe burns. Causes serious eye damage.

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

No additional information.

#### **SECTION 5. Firefighting measures.**

5.1 Extinguishing media:

Suitable extinguishing media: water spray, alcohol resistant foam, dry extinguishing powder, carbon dioxide (CO<sub>2</sub>).

Inappropriate extinguishing media: strong water jet.

5.2 Special hazards arising from the substance or mixture:

Combustible. Hazardous decomposition products: Section 10. In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Solvent vapours are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Hazardous combustion products carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

5.3 Advice for firefighters:

Keep containers cool with water spray. In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters chemical protection suit, self-contained breathing apparatus (EN 133).

#### **SECTION 6. Accidental release measures.**

6.1 Personal precautions, protective equipment and emergency procedures.

Remove persons to safety. Ventilate affected area. Avoid breathing mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

For emergency responders: wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions.

In case of formation of gases/vapours/mists suppress with water spray. Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up.

Advice on how to clean up a spill: collect spillage. Absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.).

Appropriate containment techniques: neutralisation techniques. Use of adsorbent materials.

Other information relating to spills and releases: place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections.

Hazardous combustion products: see section 5.

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Disposal considerations: see section 13.

#### **SECTION 7. Handling and storage.**

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### 7.1 Precautions for safe handling.

Avoid contact with skin and eyes. Do not breathe vapour/spray. Measures to prevent fire as well as aerosol and dust generation  
Use local and general ventilation.

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

#### Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapours are heavier than air, spread along floors and form explosive mixtures with air.

#### Handling of incompatible substances or mixtures

Do not mix with alkali. Do not mix with Oxidiser.

#### Keep away from

Store away from caustic solutions .Store away from metals. Store away from oxidizing agents.

#### Measures to protect the environment

Avoid release to the environment.

#### Advice on general occupational hygiene

Do not eat, drink and smoke in work areas. Wash hands after use. Preventive skin protection (barrier creams/ointments) is recommended. Remove contaminated clothing and protective equipment before entering eating areas.

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

#### Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

#### Flammability hazards

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Ground/bond container and receiving equipment. Protect from sunlight.

#### Incompatible substances or mixtures

Incompatible materials: see section 10. Observe hints for combined storage. Protect against external exposure, such as heat, frost, sunlight.

#### Consideration of other advice

Keep away from food, drink and animal feeding stuffs.

#### Ventilation requirements

Provision of sufficient ventilation.

#### Specific designs for storage rooms or vessels

Keep container tightly closed and in a well-ventilated place. Keep cool.

#### Packaging compatibilities

Keep only in original container.

### 7.3 Specific end use(s).

Uses according to section 1.2.

## SECTION 8. Exposure controls/personal protection.

### 8.1 Control parameters:

Maximum allowable concentration values:

Regulation of the Minister of the Family, Labour and Social Policy of 24 June 2024 on the maximum permissible concentrations and intensities of factors harmful to health in the working environment (Journal of Laws item 1017, as amended).

Chemical name and CAS number	NDS [mg/m <sup>3</sup> ]	NDSch [mg/m <sup>3</sup> ]	NDSP [mg/m <sup>3</sup> ]	Notes: labeling of substances with the notation "skin"
Acetic acid [cas: 64-19-7]	25	50	-	-

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### DNEL and PNEC values.

DNEL/DMEL (worker, industry)

Acetic acid, chronic - local effects, inhalation 25 mg/m<sup>3</sup>

Acetic anhydride, chronic - systemic effects, inhalation 4,2 mg/m<sup>3</sup>

Acetic anhydride, chronic - local effects, inhalation 4,2 mg/m<sup>3</sup>

PNEC aqua (freshwater) 3,058 mg/l

PNEC aqua (marine water) 0,306 mg/l

PNEC sewage treatment plant 85 mg/l

PNEC sediment (freshwater) 11,36 mg/kg

PNEC sediment (marine sediment) 1,136 mg/kg

PNEC soil 0,47 mg/kg

PNEC aqua (freshwater) 3,058 mg/l

PNEC aqua (marine water) 0,306 mg/l

PNEC sewage treatment plant 115 mg/l

PNEC sediment (freshwater) 11,36 mg/kg

PNEC sediment (marine sediment) 1,136 mg/kg

PNEC soil 0,47 mg/kg

Use local and general ventilation.

### 8.2 Exposure controls:



#### Respiratory protection.

In case of inadequate ventilation wear respiratory protection. Type: A (against organic gases and vapours with a boiling point of > 65 °C, colour code: brown).



#### Hand protection.

Use chemical-resistant protective gloves. Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.



#### Eye protection.

Wear safety glasses or face mask (compliant with EN 166).



#### Body protection.

Protective clothing against liquid chemicals. (EN 13832, EN 340, EN 14605).

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9. Physical and chemical properties.

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

Physical state	liquid
Colour	colourless, clear
Odour	stinging
Melting point/freezing point	16,64 °C
Boiling point or initial boiling point and boiling range	118 °C
Flammability	flammable liquid

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Lower and upper explosion limit	Lower: 4%; Upper: 19,9%
Flash point	39°C at 101,3 kPa
Auto-ignition temperature	463°C
Decomposition temperature	not applicable
pH	2,4 (in aqueous solution: 1 wt%)
Kinematic viscosity	1,011 mm <sup>2</sup> /s
Solubility	water: 602,9 g/l 25°C
Partition coefficient n-octanol/water (log value)	-0,17 (pH value: 7,25 °C)
Vapour pressure	20,79 hPa 25°C
Density and/or relative density	1,04 g/cm <sup>3</sup> 25°C
Relative vapour density	no data available
Particle characteristics	not applicable
9.2 Other information:	
Explosives	not applicable
Flammable gases	not applicable
Aerosols	not applicable
Oxidising gases	not applicable
Gases under pressure	not applicable
Flammable liquids	flammable liquid
Flammable solids	not applicable
Self-reactive substances and mixtures	not applicable
Pyrophoric liquids	not applicable
Self-heating substances and mixtures	not applicable
Substances and mixtures, which emit flammable gases in contact with water	not applicable
Oxidising liquids	not applicable
Oxidizing solids	not applicable
Organic peroxides	not applicable
Corrosive to metals	not applicable
Desensitised explosives	not applicable

### SECTION 10. Stability and reactivity.

#### 10.1 Reactivity:

This material is not reactive under normal ambient conditions.

#### 10.2 Chemical stability:

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure. See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions:

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In case of insufficient ventilation and/or in use, may form flammable/explosive vapour-air mixture. Dangerous/dangerous reactions with Base, Oxidisers, Metals (due to the release of hydrogen in an acid/alkaline medium).

#### 10.4 Conditions to avoid:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

#### 10.5 Incompatible materials:

Acids, bases, oxidisers, metal, alcohol.

#### 10.6 Hazardous decomposition products:

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### **SECTION 11. Toxicological information.**

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

- |                                      |   |
|--------------------------------------|---|
| a) acute toxicity                    | Based on available data, the classification criteria are not met.<br>Acetic acid, LD50 oral, rat 3310 mg/kg body weight<br>Acetic anhydride, 108-24-7, oral, 630 mg/kg<br>Acetic anhydride, 108-24-7, inhalation: vapour, 0,5 mg/l/4h<br>Acetic acid, 64-19-7, oral LD50, 3,310 mg/kg rat<br>Acetic anhydride, 108-24-7, oral LD50, 630 mg/kg rat<br>Acetic anhydride: Inhalation : LC100 (6h, rat) = 1670 mg/m3 [OECD 412] |
| b) skin corrosion/irritation         | Causes severe skin burns.   |
| c) serious eye damage/irritation     | Causes eye damage.  |
| d) respiratory or skin sensitisation | Based on available data, the classification criteria are not met.   |
| e) germ cell mutagenicity            | Based on available data, the classification criteria are not met  |
| f) carcinogenicity                   | Based on available data, the classification criteria are not met.   |
| g) reproductive toxicity             | Based on available data, the classification criteria are not met.   |
| h) STOT-single exposure              | Based on available data, the classification criteria are not met.   |
| i) STOT-repeated exposure            | Based on available data, the classification criteria are not met.   |
| j) aspiration hazard.                | Based on available data, the classification criteria are not met.   |

Symptoms related to the physical, chemical and toxicological characteristics

If swallowed: gastrointestinal complaints, cough, pain, choking, and breathing difficulties.

If in eyes: causes serious eye damage.

If inhaled: may cause respiratory irritation.

If on skin: corrosive to skin.

#### 11.2 Information on other hazards.

Does not contain an endocrine disruptor (ED) in a concentration of 0,1%.

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#### **SECTION 12. Ecological information.**

##### 12.1 Toxicity:

Acute, Acetic acid:

LC50 96h - Fish > 300,82 mg/l Test organisms (species): Oncorhynchus mykiss.

EC50 48h - Crustaceans > 300,82 mg/l Test organisms (species): Daphnia magna.

EC50 72h – Algae > 300,82 mg/l Test organisms (species): Skeletonema costatum.

Acute, Acetic anhydride:

LC50 96h - Fish > 1000 mg/l Test organisms (species): Oncorhynchus mykiss.

EC50 48h - Crustaceans > 1000 mg/l Test organisms (species): Daphnia magna.

EC50 72h – Algae > 1000 mg/l Test organisms (species): Skeletonema costatum.

Chronic, Acetic acid:

NOEC 72h - Algae > 300,8 mg/l Test organisms (species): Skeletonema costatum.

Chronic, Acetic anhydride:

NOEC 72h > 1000 mg/l Test organisms (species): Skeletonema costatum.

NOEC 16h > 1150 mg/l Test organisms (species): activated sludge (pseudomonas putida)

##### 12.2 Persistence and degradability:

biotic/a biotic, 96 %, 20 d, ECHA, Weight of Evidence Study

oxygen depletion, 40,2 %, 1 d, ECHA, theoretical demand

acetic acid, 64-19-7, biotic/abiotic, 96 %, 20 d

acetic acid, 64-19-7, oxygen depletion, 40,2 %, 1 d

##### 12.3 Bioaccumulative potential:

n-octanol/water (log KOW) -0,17 (pH value: 7,25 °C)

##### 12.4 Mobility in soil:

No data available.

##### 12.5 Results of PBT and vPvB assessment:

Does not meet PBT and vPvB criteria.

##### 12.6 Endocrine disrupting properties:

Does not contain an endocrine disruptor (ED) in a concentration of 0,1%.

##### 12.7 Other adverse effects:

Data are not available.

#### **SECTION 13. Disposal considerations.**

##### 13.1 Waste treatment methods.

This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Sewage disposal-relevant information

Do not empty into drains.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions.

Law dated 8 January 2013 on waste. (Journal of Laws 2013 item 21 as amended).

Law dated 13 June 2013 on the management of packaging and packaging waste. (Journal of Laws 2013 item 888 as amended).

Regulation of the Minister of Climate of January 02, 2020 on the waste catalog (Journal of Laws 2020 item 10 as amended).



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### SECTION 14. Transport information.

14.1 UN number or ID number.

UN 2789

14.2 UN proper shipping name.

ACETIC ACID GLACIAL

14.3 Transport hazard class(es).

8(3)

14.4 Packing group.

II

14.5 Environmental hazards.

No

14.6 Special precautions for user.

No data available.

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.

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),

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006 (REACH)

Law dated 24 October 2011 on the transport of hazardous materials (Journal of Laws 227 item 1367 of 2011, as amended),

Government Statement of 13 March 2023 on the entry into force of the amendments to Annexes A and B to the Agreement concerning the international carriage of dangerous goods by road (ADR), done at Geneva on 30 September 1957.

Law dated 8 January 2013 on waste. (Journal of Laws 2013 item 21 as amended)

Law dated 13 June 2013 on the management of packaging and packaging waste. (Journal of Laws 2013 item 888 as amended),

Announcement of the Minister of Health of 2 March 2015 on the announcement of the consolidated text of the Regulation of the Minister of Health on the labelling of packaging of hazardous substances and hazardous mixtures and certain mixtures (Journal of Laws 2015, item 450)

Law dated 25 February 2011 on chemical substances and their mixtures (Journal of Laws 2011 No. 63 item 322, as amended),

Law dated 26 June 1974 Labour Code (consolidated text: Dz.U. 21 item 94 of 1998 as amended),

Regulation of the Minister of Family, Labour and Social Policy of 24 June 2024 on the maximum permissible concentrations and intensities of factors harmful to health in the work environment (Item 1017 with later amendments).

Regulation of the Minister of Climate of 2 January 2020 on the waste catalogue (Journal of Laws 2020, item 10).

Relevant provisions of the European Union (EU) Restrictions according to REACH, Annex XVII

acetic acid, this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC, R3

acetic anhydride, flammable I pyrophoric, R40

acetic anhydride, substances in tattoo inks and permanent make-up, R75

acetic acid, flammable I pyrophoric, R40

acetic acid, substances in tattoo inks and permanent make-up, R75

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Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

None of the ingredients are listed.

Regulation on the marketing and use of explosives precursors

None of the ingredients are listed.

Regulation on drug precursors

acetic anhydride, 108-24-7, Category 2a, 2915 24 00 100 1

Regulation on substances that deplete the ozone layer (ODS)

None of the ingredients are listed.

Regulation concerning the export and import of hazardous chemicals (PIC)

None of the ingredients are listed.

Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

National regulations (Germany)

Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (Ordinance on facilities for handling substances hazardous to water) (AwSV)

Wassergefährdungsklasse, WGK (water hazard class)

15.2 Chemical safety assessment.

A chemical safety assessment was carried out for the substance.

#### **SECTION 16. Other information.**

H phrases:

H314 Causes severe skin burns and eye damage.

H226 Flammable liquid and vapour.

Description of abbreviations, acronyms and symbols used:

Skin. Corr. 1A – Skin corrosive cat. 1A

Skin Corr. 1B – Skin corrosive cat. 1B

Falm. Liq 3 – Flammable liquid and vapour.

NDS – Maximum allowable concentration

NDSP – Maximum allowable ceiling concentration

NDSch – Maximum allowable momentary concentration.

DNEL – Level of exposure to a substance above which humans should not be exposed.

PNEC – concentration of chemical which marks the limit at which below no adverse effects of exposure in ecosystem are measured.

LC50 - (lethal concentration) - median lethal concentration, a statistically determined concentration of a substance, after exposure to which 50 percent of the organisms (exposed to the substance) can be expected to die during the exposure or during a specified contractual post-exposure period.

LD50 - (lethal dose) - medial lethal dose, the statistically determined size of a single dose of a substance, after administration of which 50% of exposed test organisms can be expected to die.

EC50 - (effective concentration) - medial effective concentration, statistically calculated concentration that induces in the environmental medium the specified effect in 50% of the experimental organisms under specified conditions

NOEC (no observed effects concentration) - the highest concentration for which there is no statistically or biologically significant increase in the frequency or severity of the effects of the substance in the test organisms relative to the control sample.

vPvB - Very persistent and very bioaccumulative substance

PBT - persistent, bioaccumulative and toxic substances

ADR – European agreement on the road transport of hazardous goods.

RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail

IMDG – International Maritime Dangerous Goods Code

IATA – Regulation on the transport of dangerous goods issued by the International Air Transport Association

#### **Trainings:**

Before starting work with the product it is mandatory to subject employees to EHS training in connection with the presence of

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chemical factors in work environment. Conduct, document and familiarize employees with the results of the occupational risk assessment at the work station related to the presence of chemical factors.

#### **SOURCE MATERIALS:**

Annex to Regulation (EU) 2020/878 of 18 June 2020.

Regulations mentioned in section 15 of the MSDS.

Changes to the previous version:

Section	Description

The information contained in the safety data sheet applies only to the product listed in title. Data contained in safety data sheet should be treated only as an help for safe use of the product. Since conditions of storage, transport and use are beyond our control they cannot constitute a guarantee in the legal sense. In each case the statutory provisions and any rights of third parties must be observed. Safety data sheet does not constitute an assessment of hazards in the workplace. The product should not be used for purposes other than those specified in section 1 without prior consultation with TOMCHEM Sp. z o.o.

End of document.