# SAFETY DATA SHEET

# BYK-W 995 SG



## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|---|---|---|
| Product name | : | BYK-W 995 SG |
| Product code | : | 000000000000114226 |

**Manufacturer or supplier's details**

| | | |
|---|---|---|
| Company | : | BYK USA LLC |
| Address | : | South Cherry Street 524<br>06492 Wallingford |
| Telephone | : | +1 203-265-2086 |
| Telefax | : | |
| E-mail address | : | BRIEF.BYK.NAFTA@altana.com |
| Emergency telephone number | : | 18000 74234 (toll –free number, access from Australia only)<br>+61 2 8014 4558 |

**Importer**

| | | |
|---|---|---|
| Company | : | Alchemy Agencies Pty Ltd<br>Level 15, 28 Freshwater Place<br>Southbank, Victoria, Australia 3006<br>Tel: +61 3 9116 6359 |

| | | |
|---|---|---|
| Use of the Substance/Mixture | : | Wetting & Dispersing Additive |

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

| | | |
|---|---|---|
| Flammable liquids | : | Category 3 |
| Skin corrosion/irritation | : | Sub-category 1B |
| Serious eye damage/eye irritation | : | Category 1 |
| Carcinogenicity | : | Category 1B |
| Specific target organ toxicity - single exposure | : | Category 3 (Respiratory system, Central nervous system) |
| Short-term (acute) aquatic hazard | : | Category 3 |
| Long-term (chronic) aquatic hazard | : | Category 3 |

**GHS label elements**

Hazard pictograms :



Signal word : Danger

Hazard statements : H226 Flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H350 May cause cancer.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements :

**Prevention:**

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P261 Avoid breathing mist or vapours.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

**Response:**

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

**Storage:**

P403 + P233 Store in a well-ventilated place. Keep container

tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

**Disposal:**

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

**Other hazards which do not result in classification**

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature : solution of polymeric phosphoric acid ester

**Components**

| Chemical name | CAS-No. | Concentration (% w/w) |
|---|---|---|
| Phosphoric acid polyester | - | >= 50 -<= 100 |
| 2-methoxy-1-methylethyl acetate | 108-65-6 | >= 20 -< 25 |
| Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified | 64742-95-6 | >= 20 -< 25 |
| phosphoric acid | 7664-38-2 | >= 1 -< 3 |
| cumene | 98-82-8 | >= 0.5 -< 1 |

## SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : Consult a physician after significant exposure.
If unconscious, place in recovery position and seek medical advice.

In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
If on skin, rinse well with water.
If on clothes, remove clothes.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

| | | |
|---|---|---|
| Most important symptoms and effects, both acute and delayed | : | No information available.<br>Causes serious eye damage.<br>May cause respiratory irritation.<br>May cause drowsiness or dizziness.<br>May cause cancer.<br>Causes severe burns. |
| Notes to physician | : | No information available. |

## SECTION 5. FIREFIGHTING MEASURES

| | | |
|---|---|---|
| Suitable extinguishing media | : | Alcohol-resistant foam<br>Carbon dioxide (CO2)<br>Dry chemical |
| Unsuitable extinguishing media | : | High volume water jet |
| Specific hazards during fire-fighting | : | Do not allow run-off from fire fighting to enter drains or water courses. |
| Hazardous combustion products | : | Carbon oxides<br>Sulphur oxides<br>Oxides of phosphorus |
| Specific extinguishing methods | : | Collect contaminated fire extinguishing water separately. This must not be discharged into drains.<br>Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>For safety reasons in case of fire, cans should be stored separately in closed containments.<br>Use a water spray to cool fully closed containers. |
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary. |
| Hazchem Code | : | •3W |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.<br>Remove all sources of ignition.<br>Evacuate personnel to safe areas.<br>Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. |
| Environmental precautions | : | Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : | Neutralize with chalk, alkali solution or ammonia.<br>Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). |

## SECTION 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| Advice on protection against fire and explosion | : | Do not spray on a naked flame or any incandescent material.<br>Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).<br>Keep away from open flames, hot surfaces and sources of ignition. |
| Advice on safe handling | : | Avoid formation of aerosol.<br>Do not breathe vapours/dust.<br>Avoid contact with skin and eyes.<br>For personal protection see section 8.<br>Smoking, eating and drinking should be prohibited in the application area.<br>Take precautionary measures against static discharges.<br>Provide sufficient air exchange and/or exhaust in work rooms.<br>Open drum carefully as content may be under pressure.<br>To avoid spills during handling keep bottle on a metal tray.<br>Dispose of rinse water in accordance with local and national regulations. |
| Hygiene measures | : | When using do not eat or drink.<br>When using do not smoke.<br>Wash hands before breaks and at the end of workday. |
| Conditions for safe storage | : | No smoking.<br>Keep container tightly closed in a dry and well-ventilated place.<br>Containers which are opened must be carefully resealed and kept upright to prevent leakage.<br>Observe label precautions.<br>Electrical installations / working materials must comply with the technological safety standards.<br>Store in original container. |
| Further information on storage stability | : | No decomposition if stored and applied as directed. |

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Components with workplace control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|---|---|---|---|---|
| 2-methoxy-1-methylethyl acetate | 108-65-6 | TWA | 50 ppm<br>274 mg/m3 | AU OEL |
| | Further information: Skin absorption | | | |
| | | STEL | 100 ppm<br>548 mg/m3 | AU OEL |
| | Further information: Skin absorption | | | |
| phosphoric acid | 7664-38-2 | TWA | 1 mg/m3 | AU OEL |
| | | STEL | 3 mg/m3 | AU OEL |
| | | TWA | 1 mg/m3 | ACGIH |
| | | STEL | 3 mg/m3 | ACGIH |
| cumene | 98-82-8 | TWA | 25 ppm<br>125 mg/m3 | AU OEL |
| | Further information: Skin absorption | | | |
| | | STEL | 75 ppm<br>375 mg/m3 | AU OEL |

| | | | | |
|---|---|---|---|---|
| | Further information: Skin absorption | | | |
| | | TWA | 5 ppm | ACGIH |

**Personal protective equipment**

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection

Material : butyl-rubber
Break through time : > 480 min
Glove thickness : 0.7 mm

Remarks : Wear suitable gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : light yellow

Odour Threshold : No data available

pH : 3 (20 °C)
Concentration: 1 %
Method: Universal pH-value indicator

Melting point/freezing point : < 0 °C
Method: derived

Initial boiling point and boiling range : 146.00 °C
Method: derived

Flash point : 42.00 °C

Method: 48 (Abel-Pensky) DIN 51755

Evaporation rate : No data available

Flammability (liquids) : Sustains combustion

Upper explosion limit / Upper flammability limit : 10.80 %(V)

Lower explosion limit / Lower flammability limit : 1.00 %(V)

Vapour pressure : 5 hPa (20.00 °C)
Method: derived

| | | |
|---|---|---|
| Relative vapour density | : | No data available |
| Relative density | : | No data available |
| Density | : | 1.0250 g/cm3 (20.00 °C)<br>Method: 4 (20°C oscillating U-tube) |
| Bulk density | : | Not applicable |
| Solubility(ies) | | |
| Water solubility | : | immiscible |
| Solubility in other solvents | : | No data available |
| Partition coefficient: n-octanol/water | : | No data available |
| Auto-ignition temperature | : | > 200 °C<br>Method: DIN 51794 |
| Decomposition temperature | : | No data available |
| Viscosity | | |
| Viscosity, dynamic | : | No data available |
| Viscosity, kinematic | : | > 20.000 mm2/s ( 20.00 °C) |
| | | 27.000 mm2/s ( 40.00 °C) |

## SECTION 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| Reactivity | : | No decomposition if stored and applied as directed. |
| Chemical stability | : | No decomposition if stored and applied as directed. |
| Possibility of hazardous reactions | : | No decomposition if stored and applied as directed.<br>Vapours may form explosive mixture with air.<br>Gives off hydrogen by reaction with metals. |
| Conditions to avoid | : | Heat, flames and sparks. |
| Incompatible materials | : | Strong oxidizing agents<br>Metals |
| Hazardous decomposition products | : | No decomposition if stored and applied as directed. |

## SECTION 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Not classified due to lack of data.

**Product:**

Acute oral toxicity : Remarks: No data available

**Components:**

**Phosphoric acid polyester:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 Oral (Rat, male and female): > 5,000 mg/kg<br>Method: OECD Test Guideline 401<br>GLP: yes |
| Acute inhalation toxicity | : | Remarks: No data available |
| Acute dermal toxicity | : | Remarks: No data available |

**2-methoxy-1-methylethyl acetate:**

| | | |
|---|---|---|
| Acute oral toxicity | : | LD50 (Rat, female): > 5,000 mg/kg<br>Method: OECD Test Guideline 401<br>GLP: yes |
| Acute inhalation toxicity | : | Remarks: No data available |
| Acute dermal toxicity | : | Remarks: No data available |

**Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:**

| | | |
|---|---|---|
| Acute oral toxicity | : | Remarks: No data available |
| Acute inhalation toxicity | : | Remarks: No data available |
| Acute dermal toxicity | : | LD50 (Rabbit, male and female): > 3,160 mg/kg<br>Method: OECD Test Guideline 402 |

**phosphoric acid:**

| | | |
|---|---|---|
| Acute oral toxicity | : | Remarks: No data available |
| Acute inhalation toxicity | : | Remarks: No data available |
| Acute dermal toxicity | : | Remarks: No data available |

**Skin corrosion/irritation**

Causes severe burns.

**Product:**

| | | |
|---|---|---|
| Species | : | EPISKIN human epidermis skin constructs |
| Assessment | : | Causes burns. |
| Method | : | OECD Test Guideline 431 |
| Result | : | Causes burns. |
| GLP | : | yes |
| Remarks | : | Extremely corrosive and destructive to tissue. |

**Components:**

**Phosphoric acid polyester:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Assessment | : | No skin irritation |
| Method | : | OECD Test Guideline 404 |
| Result | : | No skin irritation |
| GLP | : | yes |

**2-methoxy-1-methylethyl acetate:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Method | : | OECD Test Guideline 404 |
| Result | : | No skin irritation |
| GLP | : | yes |

**Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Method | : | OECD Test Guideline 404 |
| Result | : | No skin irritation |
| GLP | : | yes |

**phosphoric acid:**

| | | |
|---|---|---|
| Remarks | : | No data available |

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Product:**

| | | |
|---|---|---|
| Remarks | : | May cause irreversible eye damage. |

**Components:**

**Phosphoric acid polyester:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | Eye irritation |
| Assessment | : | Irritating to eyes. |
| GLP | : | yes |

**2-methoxy-1-methylethyl acetate:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | No eye irritation |
| Method | : | OECD Test Guideline 405 |
| GLP | : | yes |

**Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:**

| | | |
|---|---|---|
| Species | : | Rabbit |
| Result | : | No eye irritation |
| Method | : | OECD Test Guideline 405 |
| GLP | : | yes |

**phosphoric acid:**

| | | |
|---|---|---|
| Remarks | : | No data available |

**Respiratory or skin sensitisation**

**Skin sensitisation**

Not classified due to lack of data.

**Respiratory sensitisation**
Not classified due to lack of data.

**Product:**

| | | |
|---|---|---|
| Remarks | : | No data available |

**Components:**

**2-methoxy-1-methylethyl acetate:**

| | | |
|---|---|---|
| Species | : | Guinea pig |
| Method | : | OECD Test Guideline 406 |
| Result | : | Not a skin sensitizer. |
| GLP | : | yes |

**Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:**

| | | |
|---|---|---|
| Test Type | : | Maximisation Test |
| Exposure routes | : | Dermal |
| Species | : | Guinea pig |
| Method | : | OECD Test Guideline 406 |
| Result | : | Does not cause skin sensitisation. |

**Chronic toxicity**

**Germ cell mutagenicity**
Not classified due to lack of data.

**Product:**

| | | |
|---|---|---|
| Genotoxicity in vitro | : | Remarks: No data available |
| Genotoxicity in vivo | : | Result: No data available |

**Components:**

**Phosphoric acid polyester:**

| | | |
|---|---|---|
| Genotoxicity in vitro | : | Test Type: Ames test<br>Metabolic activation: with and without metabolic activation<br>Result: negative<br>GLP: yes |
| Genotoxicity in vivo | : | Test Type: In vivo micronucleus test<br>Species: Mouse (male and female)<br>Method: Mutagenicity (micronucleus test)<br>GLP: yes<br>Remarks: negative |

**Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:**

| | | |
|---|---|---|
| Germ cell mutagenicity - Assessment | : | Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P) |

**Carcinogenicity**
May cause cancer.

**Product:**

Remarks : No data available

**Components:**

**Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:**

Carcinogenicity - Assessment : Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

**Reproductive toxicity**

Not classified due to lack of data.

**Product:**

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

**STOT - single exposure**

May cause respiratory irritation.
May cause drowsiness or dizziness.

**STOT - repeated exposure**

Not classified due to lack of data.

**Product:**

Remarks : No data available

**Repeated dose toxicity**

**Product:**

Remarks : No data available

**Components:**

**Phosphoric acid polyester:**

Species : Rat, male and female
LOAEL : 4,000 mg/kg
Application Route : Oral
Method : OECD Test Guideline 407
GLP : yes

**Aspiration toxicity**

Not classified due to lack of data.

**Product:**

No data available

**Components:**

**Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:**
The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

**Further information**

**Product:**

| | | |
|---|---|---|
| Remarks | : | Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.<br>Concentrations substantially above the TLV value may cause narcotic effects.<br>Solvents may degrease the skin. |

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Product:**

| | | |
|---|---|---|
| Toxicity to daphnia and other aquatic invertebrates | : | Remarks: No data available |

**Components:**

**Phosphoric acid polyester:**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Leuciscus idus (Golden orfe)): 770 mg/l<br>Exposure time: 48 h<br>Test Type: static test<br>Method: DIN 38412<br>GLP: no |
| Toxicity to algae/aquatic plants | : | ErC50 (Pseudokirchneriella subcapitata (green algae)): 130 mg/l<br>Exposure time: 72 h<br>GLP: yes |
| Toxicity to microorganisms | : | EC50 (Pseudomonas putida): > 500 mg/l<br>Exposure time: 16 h<br>Test Type: Cell multiplication inhibition test<br>Method: DIN 38412, L 8<br>GLP: no |

**2-methoxy-1-methylethyl acetate:**

| | | |
|---|---|---|
| Toxicity to fish | : | LC50 (Fish): 100 - 180 mg/l<br>Exposure time: 96 h<br>Test Type: static test<br>Method: OECD Test Guideline 203<br>GLP: no |
| Toxicity to algae/aquatic plants | : | EC50 (Pseudokirchneriella subcapitata (green algae)): > 1,000 mg/l |

Exposure time: 96 h
Test Type: static test
Method: OECD Test Guideline 201
GLP: no

**Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:**

Toxicity to fish : LL50 (Fish): 9.2 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3.2 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata): 2.6 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes

**phosphoric acid:**

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae/aquatic plants : ErC50 (Desmodesmus subspicatus (green algae)): > 100 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201
GLP: yes

**Persistence and degradability**

**Components:**

**Phosphoric acid polyester:**

Biodegradability : Result: Not readily biodegradable.
Exposure time: 28 d
Method: OECD Test Guideline 301
GLP: no

**2-methoxy-1-methylethyl acetate:**

Biodegradability : Result: Readily biodegradable.
Method: OECD Test Guideline 301F
GLP: yes

**Solvent naphtha (petroleum), light arom.; Low boiling point naphtha -unspecified:**

Biodegradability : Result: Readily biodegradable.
Method: OECD Test Guideline 301F

**Bioaccumulative potential**

**Product:**

Bioaccumulation : Remarks: No data available

**Components:**

**2-methoxy-1-methylethyl acetate:**

Partition coefficient: n-octanol/water : log Pow: 1.2 (20 °C)
pH: 6.8
Method: OECD Test Guideline 117
GLP: yes

**Mobility in soil**

No data available

**Other adverse effects**

**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Harmful to aquatic life with long lasting effects.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Disposal methods**

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

## SECTION 14. TRANSPORT INFORMATION

**International Regulations**

**UNRTDG**

UN number : UN 2920
Proper shipping name : CORROSIVE LIQUID, FLAMMABLE, N.O.S.
(Orthophosphoric acid, 1-Methoxy-2-propanol acetate)
Class : 8
Subsidiary risk : 3
Packing group : II
Labels : 8 (3)

**IATA-DGR**

UN/ID No. : UN 2920
Proper shipping name : Corrosive liquid, flammable, n.o.s.
(Orthophosphoric acid, 1-Methoxy-2-propanol acetate)

| | | |
|---|---|---|
| Class | : | 8 |
| Subsidiary risk | : | 3 |
| Packing group | : | II |
| Labels | : | Corrosives, Flammable Liquids |
| Packing instruction (cargo aircraft) | : | 855 |
| Packing instruction (passenger aircraft) | : | 851 |

**IMDG-Code**

| | | |
|---|---|---|
| UN number | : | UN 2920 |
| Proper shipping name | : | CORROSIVE LIQUID, FLAMMABLE, N.O.S. (Orthophosphoric acid, 1-Methoxy-2-propanol acetate) |
| Class | : | 8 |
| Subsidiary risk | : | 3 |
| Packing group | : | II |
| Labels | : | 8 (3) |
| EmS Code | : | F-E, S-C |
| Marine pollutant | : | no |
| Remarks | : | IMDG Code segregation group 1 - Acids |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations**

**ADG**

| | | |
|---|---|---|
| UN number | : | UN 2920 |
| Proper shipping name | : | CORROSIVE LIQUID, FLAMMABLE, N.O.S. (Orthophosphoric acid, 1-Methoxy-2-propanol acetate) |
| Class | : | 8 |
| Subsidiary risk | : | 3 |
| Packing group | : | II |
| Labels | : | 8 (3) |
| Hazchem Code | : | •3W |

**Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

## SECTION 15. REGULATORY INFORMATION

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

## SECTION 16. OTHER INFORMATION

| | | |
|---|---|---|
| Revision Date | : | 22.07.2026 |
| Date format | : | dd.mm.yyyy |

**Full text of other abbreviations**

| | | |
|---|---|---|
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
| AU OEL | : | Australia. Workplace Exposure Standards for Airborne Contaminants. |

| | | |
|---|---|---|
| ACGIH / TWA | : | 8-hour, time-weighted average |
| ACGIH / STEL | : | Short-term exposure limit |
| AU OEL / TWA | : | Exposure standard - time weighted average |
| AU OEL / STEL | : | Exposure standard - short term exposure limit |

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonised System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); LSPN - List of Hazardous Notified Substances (Chile); MARPOL - International Convention for the Prevention of Pollution from Ships; MERCOSUR - The Agreement for the Facilitation of the Transport of Dangerous Goods; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organisation for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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