

Page 1/15

Safety Data Sheet

acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

1 Identification

· Product identifier

- · Trade name: 629 2K BRIGHT YELLOW
- · Article number: 629
- · Application of the substance / the mixture refer to the relevant Technical Data Sheet
- · Details of the supplier of the safety data sheet

• *Manufacturer/Supplier:* General Paint Co. S.A.L. P.O. Box 7623 Beirut LEBANON info@generalpaint.biz

- · Information department: Product Safety Department
- Emergency telephone number: 1-800-535-5053 contract number (89244)

2 Hazard(s) identification

Classification of the substance or mixture

GHS02 Flame

Flammable Liquids 3
H226 Flammable liquid and vapor.

GHS07

Skin Irritation 2
Sensitization - Skin 1
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
Specific Target Organ Toxicity - Single Exposure 3
H336 May cause drowsiness or dizziness.

Label elements
GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS).
Hazard pictograms



· Signal word Warning

(Contd. on page 2)

US



Safety Data Sheet acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Page 2/15

Trade name: 629 2K BRIGHT YELLOW

| | (Contd. of page |
|---|-----------------|
| Hazard-determining components of labeling: | |
| n-butyl acetate | |
| methyl methacrylate | |
| 2,3-epoxypropyl neodecanoate | |
| 2-hydroxyethyl methacrylate | |
| Hazard statements | |
| Flammable liquid and vapor. | |
| Causes skin irritation. | |
| May cause an allergic skin reaction. May cause drowsiness or dizziness. | |
| Precautionary statements | |
| Keep away from heat/sparks/open flames/hot surfaces No smoking. | |
| Ground/bond container and receiving equipment. | |
| Use explosion-proof electrical/ventilating/lighting/equipment. | |
| Use only non-sparking tools. | |
| Take precautionary measures against static discharge. | |
| Avoid breathing dust/fume/gas/mist/vapors/spray | |
| Wash thoroughly after handling. | |
| Use only outdoors or in a well-ventilated area. | |
| Contaminated work clothing must not be allowed out of the workplace. | |
| Wear protective gloves/protective clothing/eye protection/face protection. | |
| If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with v | vater/shower. |
| IF INHALED: Remove person to fresh air and keep comfortable for breathing. | |
| Call a poison center/doctor if you feel unwell. | |
| Specific treatment (see on this label). | |
| Take off contaminated clothing and wash it before reuse. | |
| If skin irritation or rash occurs: Get medical advice/attention. | |
| Wash contaminated clothing before reuse. | |
| In case of fire: Use CO2, powder or water spray to extinguish. | |
| Store in a well-ventilated place. Keep container tightly closed. | |
| Store in a well-ventilated place. Keep cool. | |
| Store locked up. | |
| Dispose of contents/container in accordance with local/regional/national/internation | al regulations. |
| Classification system: | |
| NFPA ratings (scale 0 - 4) | |
| Health = 1 | |
| Fire = 3 | |
| 1 0 Reactivity = 0 | |
| HMIS-ratings (scale 0 - 4) | |
| HEALTH 1 Health = 1 | |
| FIRE 3 Fire = 3 | |
| $\frac{1}{100} Reactivity = 0$ | |
| | |
| | (Contd. on page |



acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Trade name: 629 2K BRIGHT YELLOW

· Other hazards

- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Description: Mixture of the substances listed below with nonhazardous additions.

| · Dangerous components: | | |
|-------------------------|--|--------------------|
| 123-86-4 | n-butyl acetate | >25- <i>≤</i> 50% |
| 1330-20-7 | • | >10- <i>≤</i> 25% |
| | Solvent naphtha (petroleum), light arom. | >2.5- <i>≤</i> 10% |
| | 2-methoxy-1-methylethyl acetate | <i>≤</i> 2.5% |
| | methyl methacrylate | <i>≤</i> 2.5% |
| | 2,3-epoxypropyl neodecanoate | <i>≤</i> 2.5% |
| 868-77-9 | 2-hydroxyethyl methacrylate | <i>≤</i> 2.5% |

4 First-aid measures

- · Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation:
- Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.
- Information for doctor:
- *Most important symptoms and effects, both acute and delayed* No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. (Contd. on page 4)

(Contd. of page 2)

Page 3/15



acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Trade name: 629 2K BRIGHT YELLOW

(Contd. of page 3)

Page 4/15

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.
- Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.
- · Protective Action Criteria for Chemicals

| 123-86-4 n-butyl acetate | 5 ppm |
|--|-----------------------|
| 1330-20-7 xylene | 130 ppm |
| 108-65-6 2-methoxy-1-methylethyl acetate | 50 ppm |
| 80-62-6 methyl methacrylate | 17 ppm |
| 868-77-9 2-hydroxyethyl methacrylate | 1.9 mg/m ⁻ |
| 79-41-4 methacrylic acid | 6.7 ppm |
| 872-50-4 N-methyl-2-pyrrolidone | 30 ppm |
| 77-58-7 dibutyltin dilaurate | 1.1 mg/m ² |
| 7447-41-8 lithium chloride | 2.3 mg/m ² |
| 556-67-2 octamethylcyclotetrasiloxane | 30 ppm |
| 100-41-4 ethylbenzene | 33 ppm |
| 97-88-1 n-butyl methacrylate | 19 mg/m³ |
| 78-83-1 butanol | 150 ppm |
| 57-55-6 Propylene glycol | 30 mg/m ³ |
| PAC-2: | |
| 123-86-4 n-butyl acetate | 200 ppm |
| 1330-20-7 xylene | 920* ppm |
| 108-65-6 2-methoxy-1-methylethyl acetate | 1,000 ppm |

US -



acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Page 5/15

Trade name: 629 2K BRIGHT YELLOW

| | | (Contd. of page 4 |
|-----------|---------------------------------|-------------------------|
| 80-62-6 | methyl methacrylate | 120 ppm |
| 868-77-9 | 2-hydroxyethyl methacrylate | 21 mg/m³ |
| 79-41-4 | methacrylic acid | 61 ppm |
| 872-50-4 | N-methyl-2-pyrrolidone | 32 ppm |
| 77-58-7 | dibutyltin dilaurate | 8 mg/m³ |
| 7447-41-8 | lithium chloride | 17 mg/m3 |
| 556-67-2 | octamethylcyclotetrasiloxane | 68 ppm |
| 100-41-4 | ethylbenzene | 1100* ppm |
| 97-88-1 | n-butyl methacrylate | 210 mg/m ³ |
| 78-83-1 | butanol | 1,300 ppm |
| 57-55-6 | Propylene glycol | 1,300 mg/m ³ |
| · PAC-3: | | |
| 123-86-4 | n-butyl acetate | 3000* ppm |
| 1330-20-7 | xylene | 2500* ppm |
| 108-65-6 | 2-methoxy-1-methylethyl acetate | 5000* ppm |
| 80-62-6 | methyl methacrylate | 570 ppm |
| 868-77-9 | 2-hydroxyethyl methacrylate | 1,000 mg/m ³ |
| 79-41-4 | methacrylic acid | 220 ppm |
| 872-50-4 | N-methyl-2-pyrrolidone | 190 ppm |
| 77-58-7 | dibutyltin dilaurate | 48 mg/m ³ |
| 7447-41-8 | lithium chloride | 100 mg/m3 |
| 556-67-2 | octamethylcyclotetrasiloxane | 130 ppm |
| 100-41-4 | ethylbenzene | 1800* ppm |
| 97-88-1 | n-butyl methacrylate | 1,300 mg/m ³ |
| 78-83-1 | butanol | 8000* ppm |
| 57-55-6 | Propylene glycol | 7,900 mg/m ³ |

7 Handling and storage

· Handling:

- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

(Contd. on page 6)

⁻ US



Page 6/15

Safety Data Sheet

acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Trade name: 629 2K BRIGHT YELLOW

(Contd. of page 5)

119

- · Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep receptacle tightly sealed.
- · Storage class: 3
- · Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see section 7.

- · Control parameters
- Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

| 123-86 | S-4 n-butyl acetate |
|--------|---|
| PEL | Long-term value: 710 mg/m³, 150 ppm |
| REL | Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm |
| TLV | Short-term value: 150 ppm Long-term value: 50 ppm |
| 1330-2 | 0-7 xylene |
| PEL | Long-term value: 435 mg/m³, 100 ppm |
| REL | Short-term value: 655 mg/m³, 150 ppm Long-term value: 435 mg/m³, 100 ppm |
| TLV | Long-term value: 20 ppm BEI, A4 |
| 108-65 | -6 2-methoxy-1-methylethyl acetate |
| WEEL | Long-term value: 50 ppm |
| 80-62- | 6 methyl methacrylate |
| PEL | Long-term value: 410 mg/m³, 100 ppm |
| REL | Long-term value: 410 mg/m³, 100 ppm |
| TLV | Short-term value: 100 ppm Long-term value: 50 ppm DSEN, A4 |
| | (Contd. on page 7) |
| | |



Page 7/15

Safety Data Sheet

acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Trade name: 629 2K BRIGHT YELLOW

(Contd. of page 6) · Ingredients with biological limit values: 1330-20-7 xylene BEI 1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids · Additional information: The lists that were valid during the creation were used as basis. · Exposure controls · Personal protective equipment: · General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the skin. Avoid contact with the eyes and skin. · Breathing equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air. · Protection of hands: Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation · Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. · Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. (Contd. on page 8) US



Printing date 10/22/2024

Reviewed on 07/29/2024

Trade name: 629 2K BRIGHT YELLOW

· Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

| General Information | |
|----------------------------------|--|
| Appearance: | |
| Form: | Liquid |
| Color: | Yellow |
| Odor: | Characteristic |
| Odor threshold: | Not determined. |
| pH-value: | Not determined. |
| Change in condition | |
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | 124 °C (255.2 °F) |
| Flash point: | 25 °C (77 °F) |
| Flammability: | Flammable. |
| Auto igniting: | 370 °C (698 °F) |
| Decomposition temperature: | Not determined. |
| Ignition temperature: | Product is not selfigniting. |
| Danger of explosion: | Product is not explosive. However, formation of explosive air vapor mixtures are possible. |
| Explosion limits: | |
| Lower: | 1.1 Vol % |
| Upper: | 7.5 Vol % |
| Vapor pressure at 20 °C (68 °F): | 10.7 hPa (8 mm Hg) |
| Density at 20 °C (68 °F): | 1.032 g/cm³ (8.61204 lbs/gal) |
| Relative density | Not determined. |
| Vapor density | Not determined. |
| Evaporation rate | Not determined. |



Page 8/15

(Contd. of page 7)



acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Page 9/15

Trade name: 629 2K BRIGHT YELLOW

| | | (Contd. of page |
|-------------------------------------|--|-----------------|
| · Solubility in / Miscibility with | | |
| Water: | Not miscible or difficult to mix. | |
| · Partition coefficient (n-octanol/ | water): Not determined. | |
| · Viscosity: | | |
| Dynamic: | Not determined. | |
| Kinematic: | Not determined. | |
| · Solvent content: | | |
| Organic solvents: | 42.6 % | |
| Coating VOC content: | 42.63 % | |
| - | 440.0 g/l / 3.67 lb/gal | |
| Material VOC content: | 440.0 g/l / 3.67 lb/gal | |
| Solids content: | 52.5 % | |
| · Other information | No further relevant information available. | |

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

1 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

· LD/LC50 values that are relevant for classification:

1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rabbit)

- · Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- · on the eye: No irritating effect.
- · Sensitization: Sensitization possible through skin contact.

(Contd. on page 10)



Page 10/15

(Contd. of page 9)

Safety Data Sheet

acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Trade name: 629 2K BRIGHT YELLOW

· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

· Carcinogenic categories

| • | v | |
|--------------|--|----|
| · IARC (Inte | rnational Agency for Research on Cancer) | |
| 1330-20-7 | | 3 |
| 80-62-6 | methyl methacrylate | 3 |
| 100-41-4 | ethylbenzene | 2B |
| 97-88-1 | n-butyl methacrylate | 2B |
| · NTP (Natio | nal Toxicology Program) | |
| None of the | e ingredients is listed. | |
| · OSHA-Ca | Occupational Safety & Health Administration) | |
| None of the | e ingredients is listed. | |

12 Ecological information

- · Toxicity
- Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 3 (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 11)

acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Trade name: 629 2K BRIGHT YELLOW

(Contd. of page 10)

Page 11/15

Uncleaned packagings:
 Recommendation: Disposal must be made according to official regulations.

| · UN-Number · DOT, ADR, IMDG, IATA | UN1263 |
|---|------------------------------|
| · UN proper shipping name · DOT · ADR · IMDG, IATA | Paint 1263 PAINT PAINT |
| · Transport hazard class(es) | NOT APPLICABLE |
| | |
| Class | 3 Flammable liquids |
| · Label · ADR, IMDG, IATA | 3 |
| · Class · Label | 3 Flammable liquids 3 |
| · Packing group · DOT, ADR, IMDG, IATA | 111 |
| · Environmental hazards: · Marine pollutant: | No |
| Special precautions for user Hazard identification number (Kemler code | |
| EMS Number: | F-E, <u>S-E</u> A |
| · Stowage Category | A |





Page 12/15

Safety Data Sheet acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Trade name: 629 2K BRIGHT YELLOW

| | (Contd. of page 1 |
|---|--|
| · Transport/Additional information: | |
| · DOT · Quantity limitations | On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L |
| · ADR · Excepted quantities (EQ) | Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| IMDG Limited quantities (LQ) Excepted quantities (EQ) | 5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml |
| · UN "Model Regulation": | UN 1263 PAINT, 3, III |

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

· Sara

| None of th | e ingredients is listed. | |
|------------|--|--------|
| Section 3 | 13 (Specific toxic chemical listings): | |
| 1330-20-7 | xylene | |
| 80-62-6 | methyl methacrylate | |
| 872-50-4 | N-methyl-2-pyrrolidone | |
| 100-41-4 | ethylbenzene | |
| TSCA (To | xic Substances Control Act): | |
| 123-86- | 4 n-butyl acetate | ACTIVE |
| 1330-20- | 7 xylene | ACTIVE |
| 108-65- | 6 2-methoxy-1-methylethyl acetate | ACTIVE |
| 80-62- | 6 methyl methacrylate | ACTIVE |
| 26761-45- | 5 2,3-epoxypropyl neodecanoate | ACTIVE |
| 868-77- | 9 2-hydroxyethyl methacrylate | ACTIVE |
| 79-41- | 4 methacrylic acid | ACTIVE |



Page 13/15

Safety Data Sheet acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Trade name: 629 2K BRIGHT YELLOW

| 872-50-1 | N-methyl-2-pyrrolidone | (Contd. of page |
|-------------|--|-----------------|
| | dibutyltin dilaurate | ACTIV |
| | lithium chloride | ACTIV |
| | octamethylcyclotetrasiloxane | ACTIV |
| | ethylbenzene | ACTIV |
| | n-butyl methacrylate | ACTIV |
| | ZINC 2-ETHYLEXANOATE | ACTIV |
| | butanol | ACTIV |
| | Solvent naphtha (petroleum), medium aliph. | ACTIV |
| | Propylene glycol | ACT/V |
| Hazardous | Air Pollutants | I |
| 1330-20-7 | xylene | |
| 80-62-6 | methyl methacrylate | |
| 100-41-4 | ethylbenzene | |
| Propositio | 1 65 | |
| · Chemicals | known to cause cancer: | |
| 100-41-4 e | thylbenzene | |
| - Chemicals | known to cause reproductive toxicity for females: | |
| None of the | ingredients is listed. | |
| Chemicals | known to cause reproductive toxicity for males: | |
| None of the | ingredients is listed. | |
| | known to cause developmental toxicity: | |
| 872-50-4 | -methyl-2-pyrrolidone | |
| Carcinoge | nic categories | |
| • | onmental Protection Agency) | |
| 1330-20-7 | - | 1 |
| | methyl methacrylate | E, N |
| 100-41-4 | ethylbenzene | D |
| TLV (Thres | hold Limit Value) | |
| 1330-20-7 | xylene | A |
| 80-62-6 | methyl methacrylate | A |
| 77-58-7 | dibutyItin dilaurate | A |
| 100-41-4 | ethylbenzene | ļ. |
| | National Institute for Occupational Safety and Health) | |
| NIOSH-Ca | | |



acc. to OSHA HCS

Printing date 10/22/2024

Trade name: 629 2K BRIGHT YELLOW

Reviewed on 07/29/2024

(Contd. of page 13) · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). · Hazard pictograms GHS02 GHS07 · Signal word Warning · Hazard-determining components of labeling: n-butyl acetate methyl methacrylate 2,3-epoxypropyl neodecanoate 2-hydroxyethyl methacrylate · Hazard statements Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. · Precautionary statements Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use CO2, powder or water spray to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. (Contd. on page 15)

US

Page 14/15



Page 15/15

(Contd. of page 14)

Safety Data Sheet

acc. to OSHA HCS

Printing date 10/22/2024

Reviewed on 07/29/2024

Trade name: 629 2K BRIGHT YELLOW

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Product safety department
- · Contact: N/A
- Date of preparation / last revision 10/22/2024 / 1.1

· Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety **OSHA: Occupational Safety & Health** TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit Flammable Liquids 3: Flammable liquids - Category 3 Skin Irritation 2: Skin corrosion/irritation - Category 2 Sensitization - Skin 1: Skin sensitisation - Category 1 Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) - Category 3 * Data compared to the previous version altered.