

|   |  | SAFETY DATA S   |                     |               |            |
|---|--|---|---------------------|---------------|------------|
|   | in accordance w                                    | ith 29 CFR 1910.1200, WHM   | IIS 2015 and Safe W | ork Australia |            |
| Revision date: 2  | 9 April 2024                                       | Date of previous issue:   | 26 April 2018       | SDS No.       | 463AGY-2   |
| SECTION 1: IDENTI   | FICATION OF THE S                                  | UBSTANCE/MIXTURE AND  | OF THE COMPAN       | Y/UNDERTAKING |            |
| 1.1. Product identifie  | ər   |   |                     |               |            |
| ARC 855N (Part A) (0  | GY)  |   |                     |               |            |
| 1.2. Relevant identif   | ied uses of the subs                               | tance or mixture and uses   | advised against     |               |            |
| Relevant identified u   |  | ner Composite. Repair dama<br>n areas; fill holes and cracks                  |                     |               | corrosion; |
| Uses advised again  | st: No informa                                     | tion available  |                     |               |            |
| Reason why uses a   | vised against:                                     | lot applicable  |                     |               |            |
| 1.3. Details of the su  | pplier of the safety                               | data sheet  |                     |               |            |
| <b>Company:</b><br>A.W. CHESTERTON<br>860 Salem Street  |  | Suppli  | er:                 |               |            |
| Groveland, MA 01834<br>Tel. +1 978-469-644<br>(Mon Fri. 8:30 - 5:0                                  | 6  |   |                     |               |            |
| SDS requests: <u>www.c</u><br>E-mail (SDS question<br>E-mail: <u>customer.sen</u>                   | <u>chesterton.com</u><br>s): <u>ProductSDSs@ch</u> | esterton.com  |                     |               |            |
| Canada: A.W. Cheste<br>Unit 105, Burlington,  | erton Company Ltd., 8                              |   |                     |               |            |
| 1.4. Emergency tele   |  |   |                     |               |            |
| 24 hours per day, 7 d<br>Call Infotrac: 1-800-5<br>Outside N. America:<br>NSW Poisons Informa       | 35-5053<br>+1 352-323-3500 (co                     |   |                     |               |            |
| SECTION 2: HAZAF  | DS IDENTIFICATION                                  | N   |                     |               |            |
| 2.1. Classification o   | the substance or m                                 | nixture   |                     |               |            |
| 2.1.1. Classification   | according to 29 CFF                                | R 1910.1200 / WHMIS 2015 /  | Safe Work Austral   | ia / GHS      |            |
| Skin irritation, Catego<br>Skin sensitization, Ca<br>Eye irritation, Catego<br>Hazardous to the aqu | tegory 1, H317<br>ry 2, H319                       | ronic, Category 2, H411   |                     |               |            |
| 2.1.2. Additional info  | ormation   |   |                     |               |            |
| For full text of H-state  | ments: see SECTION                                 | IS 2.2 and 16.  |                     |               |            |
| 2.2. Label elements   |  |   |                     |               |            |
| Labeling according  | to 29 CFR 1910.1200                                | / WHMIS 2015 / Safe Work  | Australia / GHS     |               |            |
| Hazard pictograms:  |  | <b>E</b>  |                     |               |            |
| Signal word:  | Warning  |   |                     |               |            |
| Hazard statements:  | H315<br>H317<br>H319                               | Causes skin irritation.<br>May cause an allergic s<br>Causes serious eye irri |                     |               |            |

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| Precautionary statements: | P261<br>P264<br>P272<br>P273<br>P280<br>P302/352<br>P333/313<br>P305/351/338<br>P337/313<br>P362/364<br>P391<br>P501 | Avoid breathing vapours.<br>Wash hands thoroughly after handling.<br>Contaminated work clothing must not be allowed out of the workplace.<br>Avoid release to the environment.<br>Wear protective gloves and eye/face protection.<br>IF ON SKIN: Wash with plenty of soap and water.<br>If skin irritation or rash occurs: Get medical advice/attention.<br>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact<br>lenses, if present and easy to do. Continue rinsing.<br>If eye irritation persists: Get medical advice/attention.<br>Take off contaminated clothing and wash it before reuse.<br>Collect spillage.<br>Dispose of contents/container to an approved waste disposal plant. |
|---------------------------|--|---|
| Supplemental information: | Contains epox  | y constituents. See information supplied by the manufacturer.   |

#### 2.3. Other hazards

The safety and health hazards are detailed separately for Part A and Part B. The final cured material is considered nonhazardous. Upon machining, refer to the precautions in the safety data sheets for Part A and Part B.

| SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS    |       |                                  |  |  |
|--|-------|----------------------------------|--|--|
| 3.2. Mixtures  |       |                                  |  |  |
| Hazardous Ingredients <sup>1</sup>                   | % Wt. | CAS No.                          | GHS Classification   |  |
| Epoxy resin (number average molecular weight <= 700) | 25-35 | 9003-36-5*<br>and<br>1675-54-3** | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Irrit. 2, H319 ª<br>Aquatic Chronic 2, H411 |  |
| Other ingredients:                                   |       |                                  |  |  |
| Silicon carbide                                      | 25-35 | 409-21-2                         | Not classified***  |  |
| Graphite   | 1-5   | 7782-42-5                        | Not classified***  |  |
| Titanium dioxide                                     | 1-5   | 13463-67-7                       | Not classified*** <sup>b</sup>   |  |
| Silica (Quartz)                                      | < 0.2 | 14808-60-7                       | Not classified***  |  |

\* Alternative CAS No: 28064-14-4. \*\*Alternative CAS No: 25068-38-6. \*\*\*Substance with a workplace exposure limit.

<sup>a</sup> Applies to CAS no. 1675-54-3 only.

<sup>b</sup> Contains less than 1 % of particles with aerodynamic diameter  $\leq$  10 µm.

For full text of H-statements: see SECTIONS 2.2 and 16.

<sup>1</sup> Classified according to: 29 CFR 1910.1200, 1915, 1916, 1917, Mass. Right-to-Know Law (ch. 40, M.G.L..O. 111F), WHMIS 2015, Safe Work Australia, GHS

### SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Not applicable

| Skin contact: | Remove contaminated clothing. | Wash skin with soap and wate | c. Consult physician if irritatic | on develops. |
|---------------|-------------------------------|------------------------------|-----------------------------------|--------------|
|               |                               |                              |                                   |              |

**Eye contact:** Flush eyes for at least 15 minutes with large amounts of water. Consult physician if irritation develops.

**Ingestion:** Do not induce vomiting. Contact physician immediately.

**Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. Avoid contact with the product while providing aid to the victim. See section 8.2.2 for recommendations on personal protective equipment.

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

Moderate eye and skin irritant. May cause skin sensitization as evidenced by rashes or hives.

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

Treat symptoms.

Date: 29 April 2024

#### SECTION 5: FIRE-FIGHTING MEASURES 5.1. Extinguishing media Suitable extinguishing media: Carbon dioxide, dry chemical, foam or water fog Unsuitable extinguishing media: None known 5.2. Special hazards arising from the substance or mixture Hazardous combustion products: phenolics, carbon monoxide, carbon dioxide, halogenated compounds, aldehydes Other hazards: None 5.3. Advice for firefighters Cool exposed containers with water. Recommend Firefighters wear self-contained breathing apparatus. Australian HAZCHEM Emergency Action Code: 27 SECTION 6: ACCIDENTAL RELEASE MEASURES 6.1. Personal precautions, protective equipment and emergency procedures Avoid skin contact. Utilize exposure controls and personal protection as specified in Section 8. 6.2. Environmental Precautions Keep out of sewers, streams and waterways. 6.3. Methods and material for containment and cleaning up Contain spill to a small area. Pick up with absorbent material (sand, sawdust, clay, etc.) and place in a suitable container for disposal. 6.4. Reference to other sections Refer to section 13 for disposal advice. SECTION 7: HANDLING AND STORAGE 7.1. Precautions for safe handling Remove contaminated clothing immediately. Wash clothing before reuse. Contaminated leather including shoes cannot be decontaminated and should be discarded. Utilize exposure controls and personal protection as specified in Section 8. Avoid creating and breathing dust during removal, drilling, grinding, sawing or sanding. 7.2. Conditions for safe storage, including any incompatibilities Store in a cool, dry area. 7.3. Specific end use(s) No special precautions. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION 8.1. Control parameters Occupational exposure limit values ACGIH TLV<sup>2</sup> **AUSTRALIA ES<sup>3</sup> OSHA PEL<sup>1</sup>** Ingredients mg/m<sup>3</sup> mg/m<sup>3</sup> mg/m<sup>3</sup> ppm ppm ppm Epoxy resin (number average N/A N/A N/A N/A N/A N/A molecular weight <= 700) Silicon carbide (total) 15 (total) 10 N/A 10 3 (resp.) 5 (resp.) 2 3 Graphite 5 mppcf (resp.) (resp.) (resp.) Titanium dioxide 10 10 N/A 15 N/A N/A 0.3 0.025 0.05 Silica (Quartz) (total) (resp.) (resp.)

<sup>1</sup> United States Occupational Health & Safety Administration permissible exposure limits

(resp.)

<sup>2</sup> American Conference of Governmental Industrial Hygienists threshold limit values

<sup>3</sup> Safe Work Australia, Workplace Exposure Standards for Airborne Contaminants

#### **Biological limit values**

No biological exposure limits noted for the ingredient(s).

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0.05

| · · · · · · · · · · · · · · · · · · ·                              |  |   |                                  |
|--|--|---|----------------------------------|
| 8.2. Exposure controls   |  |   |                                  |
| 8.2.1. Engineering measures  |  |   |                                  |
| No special requirements. If it is extraction or damp down.         | necessary to alter the final cu          | red product such that dust may be gene  | rated, use adequate dust         |
| 8.2.2. Individual protection m                                     | easures                                  |   |                                  |
| -  | Not normally needed.                     |   |                                  |
|  | Chemical resistant gloves (e.g           | butvl rubber. nitrile)  |                                  |
| •  | Safety goggles.                          |   |                                  |
|  | Impervious clothing as necess            | ary to prevent skin contact.  |                                  |
| 8.2.3. Environmental exposu  |  |   |                                  |
| Refer to sections 6 and 12.  |  |   |                                  |
| SECTION 9: PHYSICAL AND  | CHEMICAL PROPERTIES                      |   |                                  |
| 9.1. Information on basic phy                                      |  | es a la companya de la compan |                                  |
| Physical state   | viscous paste                            | рН  | not applicable                   |
| Colour   | gray                                     | Kinematic viscosity   | 870k cps @ 25°C                  |
| Odour  | sweet                                    | Solubility in water   | insoluble                        |
| Odour threshold  | not determined                           | Partition coefficient<br>n-octanol/water (log value)  | not applicable                   |
| Boiling point or range   | not applicable                           | Vapour pressure @ 20°C  | not determined                   |
| Melting point/freezing point                                       | not applicable                           | Density and/or relative density   | 1.9 kg/l                         |
| % Volatile (by volume)   | < 0.52%                                  | Weight per volume   | 15.9 lbs/gal.                    |
| Flammability<br>Lower/upper flammability or                        | not determined                           | Vapour density (air=1)<br>Rate of evaporation (ether=1)   | > 1<br>< 1                       |
| explosion limits   | not determined                           | Rate of evaporation (ether-1)   | < 1                              |
| Flash point  | > 116°C (> 240°F)                        | % Aromatics by weight   | 0%                               |
| Method   | Closed Cup                               | Particle characteristics  | not applicable                   |
| Autoignition temperature<br>Decomposition temperature              | not applicable<br>not determined         | Explosive properties<br>Oxidising properties  | not applicable<br>not applicable |
| 9.2. Other information   |  |   |                                  |
| None   |  |   |                                  |
| SECTION 10: STABILITY AN   | D REACTIVITY                             |   |                                  |
| 10.1. Reactivity   |  |   |                                  |
| Refer to sections 10.3 and 10.5                                    | 5.                                       |   |                                  |
| 10.2. Chemical stability   |  |   |                                  |
| Stable   |  |   |                                  |
| 10.3. Possibility of hazardous                                     | s reactions                              |   |                                  |
| No dangerous reactions known                                       | under conditions of normal us            | se.   |                                  |
| 10.4. Conditions to avoid  |  |   |                                  |
| Extreme heat above 149°C (30                                       | 0°F).                                    |   |                                  |
| 10.5. Incompatible materials                                       |  |   |                                  |
| Strong mineral acids and bases                                     | s, strong organic bases and str          | rong oxidizers like liquid Chlorine and co  | oncentrated Oxygen.              |
| 10.6. Hazardous decompositi  |  | -   |                                  |
| -  | -  | mposition products should not be produ  | iced.                            |
| SECTION 11: TOXICOLOGIC  | AL INFORMATION                           |   |                                  |
| 11.1. Information on toxicolo                                      | gical effects                            |   |                                  |
| Primary route of exposure<br>under normal use:<br>Acute toxicity - | Skin and eye contact. Perso<br>exposure. | onnel with pre-existing skin or lung aller  | gies may be aggravated by        |

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Oral:

|  | SDS No. | 463AGY-2 |
|--|---------|----------|
| Based on available data on components, the classification criteria are not | met.    |          |

Result

> 5000 mg/kg

> 2000 mg/kg

> 10000 mg/kg

2000 mg/kg

|   | Epoxy resin                     |
|---|---------------------------------|
|   | Graphite                        |
|   | Silicon carbide                 |
|   | Titanium dioxide                |
| : | Based on available data on comp |
|   |                                 |

Irritating to eyes.

Substance

 ased on available data on components, the classification criteria are not met.

 Substance
 Test

 Result

 Enorm rosin

Test

LD50, rat

LD50, rat

LD50, rat

NOAEL, rat

| Epoxy resin      | LD50, rabbit | > 2000 mg/kg  |
|------------------|--------------|---------------|
| Silicon carbide  | NOAEL, rat   | 2000 mg/kg    |
| Titanium dioxide | LD50, rabbit | > 10000 mg/kg |
|                  |              |               |

#### Inhalation:

Dermal:

| Substance        | Test            | Result                                    |
|------------------|-----------------|---|
| Epoxy resin      | LC0, rat, 5-8 h | No mortality at vapor<br>saturation level |
| Graphite         | LC50, rat, 4 h  | > 2 mg/l                                  |
| Titanium dioxide | LC50, rat, 4 h  | > 6.82 mg/l                               |

#### Skin corrosion/irritation:

| Substance        | Test                    | Result              |
|------------------|-------------------------|---------------------|
| Epoxy resin      | Skin irritation, rabbit | Moderate irritation |
| Graphite         | Skin irritation, rabbit | Not irritating      |
| Titanium dioxide | Skin irritation, rabbit | Not irritating      |

#### Serious eye damage/ irritation:

| Substance        | Test                   | Result              |
|------------------|------------------------|---------------------|
| Epoxy resin      | Eye irritation, rabbit | Moderate irritation |
| Titanium dioxide | Eye irritation, rabbit | Not irritating      |

## Respiratory or skin sensitisation:

| way cause shill selisilization as evidenced by fashes of thes. | May cause skin sensitization as | s evidenced by rashes or hives. |  |
|--|---------------------------------|---------------------------------|--|
|--|---------------------------------|---------------------------------|--|

| Substance        | Test                              | Result          |
|------------------|-----------------------------------|-----------------|
| Epoxy resin      | Skin sensitization, guinea pig    | Sensitizing     |
| Graphite         | Skin sensitization,<br>mouse      | Not sensitizing |
| Titanium dioxide | Skin sensitization,<br>guinea pig | Not sensitizing |

Germ cell mutagenicity:

Carcinogenicity:

Epoxy resin, Silicon carbide, Titanium dioxide: based on available data, the classification criteria are not met.

The International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) have classified inhaled silica as a human carcinogen. IARC has designated inhaled titanium dioxide as possibly carcinogenic to humans (group 2B). The silica and titanium dioxide in this product do not separate from the mixture or in of themselves become airborne, therefore, do not present a hazard in normal use. Epoxy resin: based on available data, the classification criteria are not met.

# **Reproductive toxicity:** Epoxy resin, Graphite, Silicon carbide, Titanium dioxide: based on available data, the classification criteria are not met.

STOT - single exposure: Silicon carbide, Titanium dioxide: based on available data, the classification criteria are not met.

#### STOT – repeated exposure:

Repeated inhalation of respirable free silica may cause scarring of the lungs with cough and shortness of breath. Silicosis, a delayed lung injury that is a disabling, progressive and sometimes fatal pulmonary fibrosis, may result. Prolonged, excessive inhalation of Graphite dust has caused emphysema and pneumoconiosis. The silica and graphite in this product do not separate from the mixture or in of themselves become airborne, therefore, do not present a hazard in normal use. Epoxy resin, Silicon carbide, Titanium dioxide: based on available data, the classification criteria are not met.

| Substance                       | Test  | Result              |
|---------------------------------|---|---------------------|
| Epoxy resin (CAS no. 1675-54-3) | Sub-chronic NOAEL, oral, 90<br>days, rat, male / female (OECD<br>408)   | 50 mg/kg<br>bw/day  |
| Epoxy resin (CAS no. 1675-54-3) | Sub-chronic NOAEL, dermal, 90<br>days, rat, male / female (OECD<br>411) | 10 mg/kg<br>bw/day  |
| Epoxy resin (CAS no. 1675-54-3) | Sub-chronic NOAEL, dermal, 90 days, mouse, male (OECD 411)              | 100 mg/kg<br>bw/day |
| Epoxy resin (CAS no. 9003-36-5) | Sub-chronic NOAEL, oral, 90<br>days, rat, male / female (OECD<br>408)   | 250 mg/kg<br>bw/day |

#### Aspiration hazard:

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

Other information:

#### SECTION 12: ECOLOGICAL INFORMATION

None known

Ecotoxicological data have not been determined specifically for this product. The information given below is based on a knowledge of the components and the ecotoxicology of similar substances.

#### 12.1. Toxicity

Epoxy resin (number average molecular weight <= 700) is toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment (LC50/EC50 between 1 and 10 mg/l in the most sensitive species). Epoxy resin: chronic NOEC, 21 days, Daphnia magna (OECD 211) = 0.3 mg/l.

#### 12.2. Persistence and degradability

Unreacted components (Parts A and B), improperly released to the environment, can cause ground and water pollution. Epoxy resin: not readily biodegradable (biodegradation, OECD 301F, 28 days: 5%).

#### 12.3. Bioaccumulative potential

Epoxy resin: Octanol/water partition coefficient (log Kow) = 2.64 – 3.78, low to moderate potential for bioaccumulation.

#### 12.4. Mobility in soil

viscous paste. Insoluble in water. In determining environmental mobility, consider the product's physical and chemical properties (see Section 9). Epoxy resin: if product enters soil, it will be mobile and may contaminate groundwater (log Koc ≤ 3.65).

#### 12.5. Endocrine disrupting properties

None known

#### 12.6. Other adverse effects

None known

#### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Combine resin and curative. The final cured material is considered nonhazardous. Unreacted components are a special waste. Landfill sealed containers with stabilized and solidified liquids with a properly licensed facility. May be incinerated at an appropriate facility. Check local, state and national/federal regulations and comply with the most stringent requirement.

#### SECTION 14: TRANSPORT INFORMATION

| 14.1. UN number or ID number  |   |
|-------------------------------|---|
| ADG/ADR/RID/ADN/IMDG/ICAO:    | UN3082  |
| TDG:                          | UN3082  |
| US DOT:                       | UN3082  |
| 14.2. UN proper shipping name |   |
| ADG/ADR/RID/ADN/IMDG/ICAO:    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN) |
| TDG:                          | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN) |
| US DOT:                       | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN) |
|                               |   |

| 14.3. Transport hazard class(es)   |   |  |  |  |
|--|---|--|--|--|
| ADG/ADR/RID/ADN/IMDG/ICAO:   | 9   |  |  |  |
| TDG:<br>US DOT:  | 9<br>9  |  |  |  |
| 14.4. Packing group  | 3   |  |  |  |
| ADG/ADR/RID/ADN/IMDG/ICAO:   | Ш   |  |  |  |
| TDG:   |   |  |  |  |
| US DOT:  |   |  |  |  |
| 14.5. Environmental hazards  |   |  |  |  |
| MARINE POLLUTANT   |   |  |  |  |
| 14.6. Special precautions for user   |   |  |  |  |
| NO SPECIAL PRECAUTIONS FOR USE   | ER  |  |  |  |
| 14.7. Maritime transport in bulk accordin  | 14.7. Maritime transport in bulk according to IMO instruments   |  |  |  |
| NOT APPLICABLE   |   |  |  |  |
| 14.8. Other information  | 14.8. Other information   |  |  |  |
| <b>US DOT:</b> ERG NO.171,   |   |  |  |  |
| MAY BE SHIPPED AS NON-RESTRICT<br>OR AIRCRAFT.   | ED IN NON-BULK PACKAGINGS (119 GALLONS OR LESS) BY MOTOR VEHICLE, RAIL CAR  |  |  |  |
| (49 CFR 171.4(C))  |   |  |  |  |
| IMDG: EMS. F-A, S-F  |   |  |  |  |
|  | ED IN SINGLE OR COMBINATION PACKAGINGS CONTAINING A NET QUANTITY PER<br>GING OF 5 L OR LESS. (IMDG CODE AMENDMENT 37-14, 2.10.2.7)  |  |  |  |
| ICAO/IATA: MAY BE SHIPPED AS NOT<br>PER SINGLE OR INNER PA<br>SPECIAL PROVISIONS A19                 | N-RESTRICTED IN SINGLE OR COMBINATION PACKAGINGS CONTAINING A NET QUANTITY<br>CKAGING OF 5 L OR LESS.(IATA DANGEROUS GOODS REGULATION 56 <sup>TH</sup> EDITION, 4.4<br>7) |  |  |  |
| ADR: CLASSIFICATION CODE M6 TUN  | NEL RESTRICTION CODE (E)  |  |  |  |
| SINGLE OR INNER PACKAG   | ED IN SINGLE OR COMBINATION PACKAGINGS CONTAINING A NET QUANTITY PER<br>GING OF 5 L OR LESS. (ADR 2015 VOLUME 1, CHAPTER 3.3 SPECIAL PROVISIONS 375)                      |  |  |  |
| ADG HAZCHEM CODE: •3Z HIN: 90  |   |  |  |  |
| SECTION 15: REGULATORY INFORMATION   |   |  |  |  |
| 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture |   |  |  |  |
| 15.1.1. National regulations   |   |  |  |  |
| US EPA SARA TITLE III  |   |  |  |  |
| 312 Hazards:   | Chemicals subject to reporting requirements of Section 313 of EPCRA and of 40 CFR 372:  |  |  |  |
| Skin irritation<br>Skin sensitization<br>Eye irritation  | None  |  |  |  |

TSCA: All chemical components are listed or exempted.

| Other national regulations: None   |  |  |  |  |
|--|--|--|--|--|
| SECTION 16: OTHER INFORMATION  |  |  |  |  |
| and acronyms:         ADN: I           ADR: I         ADR: I           ADR: I         ADR: I           ATE: A         BCF: F           CATPE         ES: E>           GHS:         ICAO:           IICAO:         IMDG:           LC50:         LD50:           LOEL:         N/A: N           NA: NOEC         NOEL           OECD         (Q)SA           REL: F         RID: F           SDS: S         STEL:           STOT         TDG: T           TWA:         US DO:           WHMI         VHMI | European Agreem<br>European Agreem<br>Acute Toxicity Esti<br>Bioconcentration F<br>Converted Acute<br>Globally Harmoniz<br>International Civil<br>International Mar<br>Lethal Concentra<br>Lethal Concentra<br>Lethal Dose to 50<br>Lowest Observed<br>ot Applicable<br>No Observed Eff<br>No Observed Eff<br>No Observed Eff<br>Organization for<br>R: Quantitative St<br>Recommended Ex<br>Regulations concer<br>Short Term Expo<br>RE: Specific Targ<br>SE: Workplace Haz | Factor<br>e Toxicity point Estimate<br>zed System<br>Aviation Organization<br>itime Dangerous Goods<br>tion to 50 % of a test population<br>b% of a test population<br>d Effect Level<br>fect Concentration<br>fect Level<br>Economic Co-operation and Development<br>ructure-Activity Relationship<br>tposure Limit<br>rning the International Carriage of Dangerous Goods by Rail<br>sure Limit<br>let Organ Toxicity, Repeated Exposure<br>let Organ Toxicity, Repeated Exposure<br>let Organ Toxicity, Single Exposure<br>Dangerous Goods (Canada) |  |  |
| Key literature references<br>and sources for data:<br>Procedure used to derive   | rences Commission des normes, de l'équité, de la santé et de la sécurité du travail (CNESST)   |  |  |  |
| Classification   |  | Classification procedure   |  |  |
| Skin Irrit. 2, H315  |  | Calculation method   |  |  |
| Skin Sens. 1, H317   |  | Calculation method   |  |  |
| Eye Irrit. 2, H319   |  | Calculation method   |  |  |
| Aquatic Chronic 2, H411  |  | Calculation method   |  |  |
| Relevant H-statements:   |  |  |  |  |
| Hazard pictogram names   | : Exclamation  | mark, environment  |  |  |
| Further information:   | None   |  |  |  |
| Date of last revision:   | 29 April 2024  |  |  |  |
| Changes to the SDS in the  | is revision: S   | Sections 1.2, 1.3, 1.4, 2.1, 2.2, 3, 4.1, 5.2, 5.3, 8.1, 9.1, 10.6, 11, 12.1, 12.3, 12.5, 13, 4.8, 15.1, 16.   |  |  |
| This information is based solely on data provided by suppliers of the materials used, not on the mixture itself. No warranty is expressed or implied regarding the suitability of the product for the user's particular purpose. The user must make their own determination as to suitability.   |  |  |  |  |

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