

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

#### 1.1. Product identifier

Product form : Substance (UVCB)  
 Substance name : Panel Wipe 3  
 IUPAC name : Naphtha (petroleum), steam-cracked, light hydrotreated, solvent refined  
 EC-No. : 920-750-0  
 CAS-No. : 64742-49-0  
 REACH registration No. : 01-2119473851-33  
 Product group : Raw material

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use  
 Use of the substance/mixture : Use in cleaning agents; Use in binder and release agents; Use in laboratories; Use in functional fluids; Use in road and construction products; Use in polymer processing - Industrial  
 Use of the substance/mixture : Manufacture of substances  
 Distribution of substance  
 Formulation (re)packing of substances and mixtures  
 Uses in Coatings

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

Leading Solvent Supplies Ltd  
 Marston Business Park Rudgate  
 Tockwith York – North Yorkshire  
 United Kingdom  
 T +44 (0) 1423 358058 - F +44 (0)1423 358923  
[enquiries@leading-solvents.co.uk](mailto:enquiries@leading-solvents.co.uk)

##### Supplier information

Leading Solvents Ireland Ltd  
 The Courtyard Manor House  
 3 Church Road  
 Malahide – Co. Dubin  
 Ireland  
 T +353 1 845 7660

#### 1.4. Emergency telephone number

Emergency number : +44 (0) 1423 358058 (Office hours only)

| Country | Organisation/Company                                     | Address                                  | Emergency number   | Comment |
|---------|--|--|--|---------|
| Ireland | National Poisons Information Centre<br>Beaumont Hospital | PO Box 1297<br>Beaumont Road<br>9 Dublin | +353 1 809 2566<br>(Healthcare professionals-24/7)<br>+353 1 809 2166 (public,<br>8am - 10pm, 7/7) |         |

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 2 H225  
 Specific target organ toxicity – Single exposure, Category 3, H336  
 Narcosis  
 Aspiration hazard, Category 1 H304  
 Hazardous to the aquatic environment – Chronic Hazard, H411  
 Category 2  
 Full text of H- and EUH-statements: see section 16

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### Adverse physicochemical, human health and environmental effects

Extremely flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation.

## 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS02

GHS07

GHS08

GHS09

Signal word (CLP)

: Danger

Hazard statements (CLP)

: H225 - Highly flammable liquid and vapour.  
H304 - May be fatal if swallowed and enters airways.  
H336 - May cause drowsiness or dizziness.  
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P210 - Keep away from heat, hot surfaces, open flames, sparks. No smoking.  
P243 - Take precautionary measures against static discharge.  
P261 - Avoid breathing dust, fume, gas, mist, spray, vapours.  
P273 - Avoid release to the environment.  
P301+P310 - IF SWALLOWED: Immediately call a doctor.  
P331 - Do NOT induce vomiting.  
P370+P378 - In case of fire: Use alcohol resistant foam, dry extinguishing powder, sand to extinguish.  
P391 - Collect spillage.  
P501 - Dispose of contents/container to an approved waste disposal plant.

## 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Substance type : UVCB  
Name : Panel Wipe 3  
CAS-No. : 64742-49-0  
EC-No. : 920-750-0

| Name         | Product identifier   | %   |
|--------------|--|-----|
| Panel Wipe 3 | CAS-No.: 64742-49-0<br>EC-No.: 920-750-0<br>REACH-no: 01-2119473851-33 | 100 |

Full text of H- and EUH-statements: see section 16

### 3.2. Mixtures

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing.

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|                                      |  |
|--------------------------------------|--|
| First-aid measures after eye contact | : If eye irritation persists: Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately rinse with water for a prolonged period while holding the eyelids wide open. |
| First-aid measures after ingestion   | : Do not induce vomiting. Call a physician immediately. Rinse mouth. Get immediate medical advice/attention.   |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects after inhalation   | : Inhalation may cause irritation (cough, short breathing, difficulty in breathing).                                       |
| Symptoms/effects after skin contact | : Causes skin irritation. irritation (itching, redness, blistering). Repeated exposure may cause skin dryness or cracking. |
| Symptoms/effects after eye contact  | : redness, itching, tears. Causes eye irritation. stinging.  |
| Symptoms/effects after ingestion    | : Ingestion may cause nausea and vomiting.   |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.               |

### 5.2. Special hazards arising from the substance or mixture

|  |  |
|--|--|
| Fire hazard                                      | : Extremely flammable liquid and vapour. |
| Explosion hazard                                 | : Heating may cause a fire or explosion. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.           |

### 5.3. Advice for firefighters

|                                |  |
|--------------------------------|--|
| Precautionary measures fire    | : Evacuate area.   |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                  |   |
|------------------|---|
| General measures | : Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Stop leak if safe to do so. |
|------------------|---|

#### 6.1.1. For non-emergency personnel

|                      |  |
|----------------------|--|
| Emergency procedures | : No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. |
|----------------------|--|

#### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

|                         |   |
|-------------------------|---|
| For containment         | : Cover spill with non combustible material, e.g.: sand, earth, vermiculite.                                  |
| Methods for cleaning up | : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. |
| Other information       | : Dispose of materials or solid residues at an authorized site.   |

### 6.4. Reference to other sections

For further information refer to section 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly.
- Hygiene measures : Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
- Storage area : Store away from heat.
- Special rules on packaging : Keep only in original container.
- Packaging materials : Keep only in the original container in a cool, well-ventilated place away from combustible materials.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

DNEL : 3.25 mg/m<sup>3</sup>

##### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

###### Appropriate engineering controls:

Ensure good ventilation of the work station.

##### 8.2.2. Personal protection equipment

###### Personal protective equipment:

Wear foot protection. Dust formation: dust mask. Safety glasses. Wear protective gloves. Wear protective clothing.

###### Personal protective equipment symbol(s):



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### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses

| Eye protection                 |                      |                   |          |
|--------------------------------|----------------------|-------------------|----------|
| Type                           | Field of application | Characteristics   | Standard |
| Safety glasses, Safety goggles | Droplet              | With side shields | EN 166   |

### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear suitable protective clothing

| Skin and body protection |              |
|--------------------------|--------------|
| Type                     | Standard     |
| Safety shoes             | EN ISO 20345 |

#### Hand protection:

Protective gloves

| Hand protection   |   |                   |                |             |          |
|-------------------|---|-------------------|----------------|-------------|----------|
| Type              | Material  | Permeation        | Thickness (mm) | Penetration | Standard |
| Disposable gloves | Nitrile rubber (NBR), Butyl rubber, Polyvinylchloride (PVC) | 5 (> 240 minutes) | 0.44           |             | EN 374-2 |

### 8.2.2.3. Respiratory protection

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

| Respiratory protection |             |  |          |
|------------------------|-------------|--|----------|
| Device                 | Filter type | Condition  | Standard |
| Aerosol mask           | ABEK        | Vapour protection, Protection for Liquid particles | EN 14387 |

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                 |                           |
|-----------------|---------------------------|
| Physical state  | : Liquid                  |
| Colour          | : Colourless.             |
| Appearance      | : Liquid.                 |
| Molecular mass  | : 112 g/mol               |
| Odour           | : Hydrocarbon.            |
| Odour threshold | : Not available           |
| Melting point   | : < -20 °C Not applicable |
| Freezing point  | : < -20 °C                |
| Boiling point   | : 105 – 132 °C            |

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|   |                           |
|---|---------------------------|
| Flammability                                    | : Not applicable          |
| Lower explosion limit                           | : 0.9 vol %               |
| Upper explosion limit                           | : 8 vol %                 |
| Flash point                                     | : 0 – 5 °C Closed Cup     |
| Auto-ignition temperature                       | : 230 °C                  |
| Decomposition temperature                       | : Not available           |
| pH  | : 4.5                     |
| Viscosity, kinematic                            | : 0.69 mm <sup>2</sup> /s |
| Solubility                                      | : Insoluble.              |
| Partition coefficient n-octanol/water (Log Kow) | : Not available           |
| Partition coefficient n-octanol/water (Log Pow) | : 4.85                    |
| Vapour pressure                                 | : 2.1 kPa                 |
| Vapour pressure at 50°C                         | : 12000                   |
| Density   | : 0.755 g/cm <sup>3</sup> |
| Relative density                                | : 0.755                   |
| Relative vapour density at 20°C                 | : Not available           |
| Particle characteristics                        | : Not applicable          |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

|  |     |
|--|-----|
| Relative evaporation rate (butylacetate=1) | : 1 |
| Relative evaporation rate (ether=1)        | : 6 |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Heating may cause a fire.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Combustible materials. Oxidizing agent. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| Panel Wipe 3 (64742-49-0) |                         |
|---------------------------|-------------------------|
| LD50 oral rat             | 5000 mg/kg              |
| LD50 oral                 | > 5840 mg/kg bodyweight |

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| Panel Wipe 3 (64742-49-0)         |                        |
|-----------------------------------|------------------------|
| LD50 dermal rat                   | 2920 mg/kg             |
| LC50 Inhalation - Rat             | 23.3 mg/m <sup>3</sup> |
| LC50 Inhalation - Rat (Dust/Mist) | > 23300 mg/l           |

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Skin corrosion/irritation         | : Not classified<br>pH: 4.5          |
| Serious eye damage/irritation     | : Not classified<br>pH: 4.5          |
| Respiratory or skin sensitisation | : Not classified                     |
| Germ cell mutagenicity            | : Not classified                     |
| Carcinogenicity                   | : Not classified                     |
| Reproductive toxicity             | : Not classified                     |
| STOT-single exposure              | : May cause drowsiness or dizziness. |
| STOT-repeated exposure            | : Not classified                     |

| Panel Wipe 3 (64742-49-0)                |   |
|--|---|
| LOAEC (inhalation, rat, vapour, 90 days) | 4.71 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study) |
| NOAEC (inhalation, rat, vapour, 90 days) | 2355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study) |

|                   |   |
|-------------------|---|
| Aspiration hazard | : May be fatal if swallowed and enters airways. |
|-------------------|---|

| Panel Wipe 3 (64742-49-0) |                         |
|---------------------------|-------------------------|
| Viscosity, kinematic      | 0.69 mm <sup>2</sup> /s |

### 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

|   |  |
|---|--|
| Ecology - general   | : Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute)  | : Not classified                                     |
| Hazardous to the aquatic environment, long-term (chronic) | : Toxic to aquatic life with long lasting effects.   |
| Not rapidly degradable                                    |  |

| Panel Wipe 3 (64742-49-0)          |  |
|------------------------------------|--|
| LC50 - Fish [1]                    | > 3 mg/l   |
| EC50 - Other aquatic organisms [1] | 4.6 mg/l waterflea   |
| EC50 - Other aquatic organisms [2] | 10 mg/l  |
| EC50 72h - Algae [1]               | 32 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)  |
| EC50 72h - Algae [2]               | 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

### 12.2. Persistence and degradability

No additional information available

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### 12.3. Bioaccumulative potential

#### Panel Wipe 3 (64742-49-0)

|   |      |
|---|------|
| Partition coefficient n-octanol/water (Log Pow) | 4.85 |
|---|------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                         |  |
|-------------------------|--|
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions.  |
| Additional information  | : Flammable vapours may accumulate in the container.   |
| HP Code                 | : HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.<br>HP7 - "Carcinogenic:" waste which induces cancer or increases its incidence<br>HP11 - "Mutagenic:" waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell.<br>HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment |

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR   | IMDG  | IATA  | ADN   | RID   |
|---|---|---|---|---|
| <b>14.1. UN number or ID number</b>   |   |   |   |   |
| UN 3295   | UN 3295   | UN 3295   | UN 3295   | UN 3295   |
| <b>14.2. UN proper shipping name</b>  |   |   |   |   |
| HYDROCARBONS, LIQUID<br>,N.O.S  | HYDROCARBONS, LIQUID<br>,N.O.S  | HYDROCARBONS, LIQUID<br>,N.O.S  | HYDROCARBONS, LIQUID<br>,N.O.S  | HYDROCARBONS, LIQUID<br>,N.O.S  |
| <b>Transport document description</b>   |   |   |   |   |
| UN 3295<br>HYDROCARBONS, LIQUID<br>,N.O.S, 3, II,<br>ENVIRONMENTALLY<br>HAZARDOUS | UN 3295<br>HYDROCARBONS, LIQUID<br>,N.O.S, 3, II, MARINE<br>POLLUTANT/ENVIRONME<br>NTALLY HAZARDOUS | UN 3295<br>HYDROCARBONS, LIQUID<br>,N.O.S, 3, II,<br>ENVIRONMENTALLY<br>HAZARDOUS | UN 3295<br>HYDROCARBONS, LIQUID<br>,N.O.S, 3, II,<br>ENVIRONMENTALLY<br>HAZARDOUS | UN 3295<br>HYDROCARBONS, LIQUID<br>,N.O.S, 3, II,<br>ENVIRONMENTALLY<br>HAZARDOUS |
| <b>14.3. Transport hazard class(es)</b>   |   |   |   |   |
| 3   | 3   | 3   | 3   | 3   |



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| ADR                                    | IMDG  | IATA                               | ADN                                | RID                                |
|--|---|------------------------------------|------------------------------------|------------------------------------|
|  |   |                                    |                                    |                                    |
| <b>14.4. Packing group</b>             |   |                                    |                                    |                                    |
| II                                     | II  | II                                 | II                                 | II                                 |
| <b>14.5. Environmental hazards</b>     |   |                                    |                                    |                                    |
| Dangerous for the environment: Yes     | Dangerous for the environment: Yes<br>Marine pollutant: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes | Dangerous for the environment: Yes |
| No supplementary information available |   |                                    |                                    |                                    |

### 14.6. Special precautions for user

#### Overland transport

No data available

#### Transport by sea

No data available

#### Air transport

No data available

#### Inland waterway transport

No data available

#### Rail transport

No data available

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

Not listed on REACH Annex XVII

##### REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Not listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

##### POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

##### Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 1005/2009)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

| Indication of changes |   |          |          |
|-----------------------|---|----------|----------|
| Section               | Changed item  | Change   | Comments |
|                       | Supersedes version of   | Modified |          |
|                       | Revision date   | Modified |          |
|                       | Issue date  | Modified |          |
|                       | UN-No. (RID)  | Added    |          |
|                       | Proper Shipping Name (RID)                                      | Added    |          |
|                       | Packing group (RID)   | Added    |          |
|                       | Danger labels (ADN)   | Added    |          |
|                       | Proper Shipping Name (IMDG)                                     | Added    |          |
|                       | Proper Shipping Name (IATA)                                     | Added    |          |
|                       | Danger labels (IMDG)  | Added    |          |
|                       | Danger labels (IATA)  | Added    |          |
|                       | Flammability  | Added    |          |
|                       | Display additional SDS EU addresses                             | Added    |          |
| 1.1                   | Name  | Modified |          |
| 1.1                   | EC Index-No.  | Added    |          |
| 1.2                   | Main use category   | Added    |          |
| 1.2                   | Use of the substance/mixture                                    | Added    |          |
| 1.2                   | Intended for general public                                     | Added    |          |
| 1.2                   | Use of the substance/mixture                                    | Added    |          |
| 2.1                   | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Added    |          |
| 2.1                   | Intended for general public                                     | Added    |          |
| 2.1                   | Adverse physicochemical, human health and environmental effects | Added    |          |
| 2.2                   | Precautionary statements (CLP)                                  | Added    |          |
| 2.2                   | Signal word (CLP)   | Added    |          |
| 2.2                   | Hazard pictograms (CLP)   | Added    |          |
| 2.2                   | Hazard statements (CLP)   | Added    |          |
| 2.2                   | EUH-statements  | Added    |          |
| 2.2                   | S-phrases   | Added    |          |

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| Indication of changes |  |          |          |
|-----------------------|--|----------|----------|
| Section               | Changed item                                     | Change   | Comments |
| 2.2                   | R-phrases  | Added    |          |
| 2.2                   | Hazard symbols                                   | Added    |          |
| 3                     | Composition/information on ingredients           | Modified |          |
| 4.1                   | First-aid measures after eye contact             | Added    |          |
| 4.1                   | First-aid measures after ingestion               | Added    |          |
| 4.1                   | First-aid measures after inhalation              | Added    |          |
| 4.1                   | First-aid measures general                       | Added    |          |
| 4.1                   | First-aid measures after skin contact            | Added    |          |
| 4.2                   | Symptoms/effects after ingestion                 | Added    |          |
| 4.2                   | Symptoms/effects after skin contact              | Added    |          |
| 4.2                   | Symptoms/effects after inhalation                | Added    |          |
| 4.2                   | Symptoms/effects after eye contact               | Added    |          |
| 4.3                   | Other medical advice or treatment                | Added    |          |
| 5.1                   | Unsuitable extinguishing media                   | Added    |          |
| 5.1                   | Suitable extinguishing media                     | Added    |          |
| 5.2                   | Explosion hazard                                 | Added    |          |
| 5.2                   | Hazardous decomposition products in case of fire | Added    |          |
| 5.2                   | Fire hazard                                      | Added    |          |
| 5.3                   | Precautionary measures fire                      | Added    |          |
| 5.3                   | Protection during firefighting                   | Added    |          |
| 6.1                   | General measures                                 | Added    |          |
| 6.1                   | Protective equipment                             | Added    |          |
| 6.1                   | Emergency procedures                             | Added    |          |
| 6.2                   | Environmental precautions                        | Added    |          |
| 6.3                   | For containment                                  | Added    |          |
| 6.3                   | Other information                                | Added    |          |
| 6.3                   | Methods for cleaning up                          | Added    |          |
| 6.4                   | Reference to other sections (8, 13)              | Added    |          |
| 7.1                   | Hygiene measures                                 | Added    |          |
| 7.1                   | Precautions for safe handling                    | Added    |          |
| 7.2                   | Storage area                                     | Added    |          |
| 7.2                   | Special rules on packaging                       | Added    |          |
| 7.2                   | Packaging materials                              | Added    |          |
| 7.2                   | Technical measures                               | Added    |          |
| 7.2                   | Storage conditions                               | Added    |          |
| 8.1                   | DNEL   | Added    |          |
| 8.2                   | Environmental exposure controls                  | Added    |          |

# Panel Wipe 3

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Indication of changes |   |          |          |
|-----------------------|---|----------|----------|
| Section               | Changed item                                    | Change   | Comments |
| 8.2                   | Hand protection                                 | Added    |          |
| 8.2                   | Eye protection                                  | Added    |          |
| 8.2                   | Appropriate engineering controls                | Added    |          |
| 8.2                   | Skin and body protection                        | Added    |          |
| 8.2                   | Respiratory protection                          | Added    |          |
| 9.1                   | Flash point                                     | Modified |          |
| 9.1                   | Freezing point                                  | Added    |          |
| 9.1                   | Relative density                                | Added    |          |
| 9.1                   | Upper explosion limit                           | Added    |          |
| 9.1                   | Viscosity, kinematic                            | Added    |          |
| 9.1                   | Vapour pressure                                 | Added    |          |
| 9.1                   | Odour   | Added    |          |
| 9.1                   | Boiling point                                   | Added    |          |
| 9.1                   | Auto-ignition temperature                       | Added    |          |
| 9.1                   | Density   | Modified |          |
| 9.1                   | Melting point                                   | Added    |          |
| 9.1                   | Partition coefficient n-octanol/water (Log Pow) | Added    |          |
| 9.1                   | Molecular mass                                  | Added    |          |
| 9.1                   | Lower explosion limit                           | Added    |          |
| 9.1                   | Solubility                                      | Added    |          |
| 9.1                   | Vapour pressure at 50°C                         | Added    |          |
| 9.1                   | Relative evaporation rate (ether=1)             | Added    |          |
| 9.1                   | Relative evaporation rate (butylacetate=1)      | Added    |          |
| 9.1                   | Colour  | Added    |          |
| 9.1                   | Appearance                                      | Added    |          |
| 10.1                  | Reactivity                                      | Added    |          |
| 10.2                  | Chemical stability                              | Added    |          |
| 10.3                  | Possibility of hazardous reactions              | Added    |          |
| 10.4                  | Conditions to avoid                             | Added    |          |
| 10.5                  | Incompatible materials                          | Added    |          |
| 10.6                  | Hazardous decomposition products                | Added    |          |
| 11.1                  | LD50 dermal rat                                 | Added    |          |
| 11.1                  | LC50 Inhalation - Rat                           | Added    |          |
| 11.1                  | ATE CLP (oral)                                  | Added    |          |
| 11.1                  | ATE CLP (dust,mist)                             | Added    |          |
| 11.1                  | ATE CLP (dermal)                                | Added    |          |
| 11.1                  | ATE CLP (vapours)                               | Added    |          |
| 11.1                  | LD50 dermal                                     | Added    |          |

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## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Indication of changes |   |        |          |
|-----------------------|---|--------|----------|
| Section               | Changed item                                    | Change | Comments |
| 11.1                  | LD50 oral                                       | Added  |          |
| 11.1                  | LD50 oral rat                                   | Added  |          |
| 12.1                  | EC50 - Other aquatic organisms [2]              | Added  |          |
| 12.1                  | EC50 - Other aquatic organisms [1]              | Added  |          |
| 12.1                  | LC50 - Fish [1]                                 | Added  |          |
| 12.1                  | LC50 Inhalation - Rat (Dust/Mist)               | Added  |          |
| 12.1                  | Ecology - general                               | Added  |          |
| 12.3                  | Partition coefficient n-octanol/water (Log Pow) | Added  |          |
| 13.1                  | Waste treatment methods                         | Added  |          |
| 13.1                  | Additional information                          | Added  |          |
| 14.1                  | UN-No. (ADN)                                    | Added  |          |
| 14.1                  | UN-No. (ADR)                                    | Added  |          |
| 14.1                  | UN-No. (IMDG)                                   | Added  |          |
| 14.1                  | UN-No. (IATA)                                   | Added  |          |
| 14.2                  | Proper Shipping Name (ADN)                      | Added  |          |
| 14.2                  | Proper Shipping Name (ADR)                      | Added  |          |
| 14.3                  | Danger labels (ADR)                             | Added  |          |
| 14.3                  | Class (ADR)                                     | Added  |          |
| 14.3                  | Danger labels (RID)                             | Added  |          |
| 14.4                  | Packing group (ADN)                             | Added  |          |
| 14.4                  | Packing group (IMDG)                            | Added  |          |
| 14.4                  | Packing group (IATA)                            | Added  |          |
| 14.4                  | Packing group (ADR)                             | Added  |          |
| 15.2                  | Chemical safety assessment                      | Added  |          |
| 16                    | Abbreviations and acronyms                      | Added  |          |

| Abbreviations and acronyms: |   |
|-----------------------------|---|
| ADN                         | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR                         | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE                         | Acute Toxicity Estimate   |
| BCF                         | Bioconcentration factor   |
| BLV                         | Biological limit value  |
| BOD                         | Biochemical oxygen demand (BOD)   |
| COD                         | Chemical oxygen demand (COD)  |
| DMEL                        | Derived Minimal Effect level  |
| DNEL                        | Derived-No Effect Level   |
| EC-No.                      | European Community number   |
| EC50                        | Median effective concentration  |

# Panel Wipe 3

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Abbreviations and acronyms: |  |
|-----------------------------|--|
| EN                          | European Standard  |
| IARC                        | International Agency for Research on Cancer                                  |
| IATA                        | International Air Transport Association                                      |
| IMDG                        | International Maritime Dangerous Goods                                       |
| LC50                        | Median lethal concentration  |
| LD50                        | Median lethal dose   |
| LOAEL                       | Lowest Observed Adverse Effect Level   |
| NOAEC                       | No-Observed Adverse Effect Concentration                                     |
| NOAEL                       | No-Observed Adverse Effect Level   |
| NOEC                        | No-Observed Effect Concentration   |
| OECD                        | Organisation for Economic Co-operation and Development                       |
| OEL                         | Occupational Exposure Limit  |
| PBT                         | Persistent Bioaccumulative Toxic   |
| PNEC                        | Predicted No-Effect Concentration  |
| RID                         | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS                         | Safety Data Sheet  |
| STP                         | Sewage treatment plant   |
| ThOD                        | Theoretical oxygen demand (ThOD)   |
| TLM                         | Median Tolerance Limit   |
| VOC                         | Volatile Organic Compounds   |
| CAS-No.                     | Chemical Abstract Service number   |
| N.O.S.                      | Not Otherwise Specified  |
| vPvB                        | Very Persistent and Very Bioaccumulative                                     |
| ED                          | Endocrine disrupting properties  |

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2      |
| Asp. Tox. 1                         | Aspiration hazard, Category 1  |
| Flam. Liq. 2                        | Flammable liquids, Category 2  |
| H225                                | Highly flammable liquid and vapour.                                    |
| H304                                | May be fatal if swallowed and enters airways.                          |
| H336                                | May cause drowsiness or dizziness.                                     |
| H411                                | Toxic to aquatic life with long lasting effects.                       |
| STOT SE 3                           | Specific target organ toxicity – Single exposure, Category 3, Narcosis |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.