



# Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

## 1 Identification

- **Product identifier**
- **Trade name:** 775 FINE RUSSET
- **Article number:** 775
- **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

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.

STOT RE2 H373 May cause damage to the hearing organs through prolonged or repeated exposure.



GHS07

STOT SE 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**



GHS02



GHS07



GHS08

(Contd. on page 2)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

**Trade name: 775 FINE RUSSET**

(Contd. of page 1)

**Signal word** Warning**Hazard-determining components of labeling:***n-butyl acetate**ethylbenzene***Hazard statements***Flammable liquid and vapor.**Suspected of causing cancer.**May cause drowsiness or dizziness.**May cause damage to the hearing organs through prolonged or repeated exposure.***Precautionary statements***Obtain special instructions before use.**Do not handle until all safety precautions have been read and understood.**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.**Do not breathe dust/fume/gas/mist/vapors/spray.**Use only outdoors or in a well-ventilated area.**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.**IF exposed or concerned: Get medical advice/attention.**Call a poison center/doctor if you feel unwell.**Get medical advice/attention if you feel unwell.**In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.**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.***Classification system:****NFPA ratings (scale 0 - 4)**

Health = 0

Fire = 3

Reactivity = 0

**HMIS-ratings (scale 0 - 4)**

Health = 0

Fire = 3

Reactivity = 0

**Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.

(Contd. on page 3)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

Trade name: 775 FINE RUSSET

· **vPvB:** Not applicable.

(Contd. of page 2)

### 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                          | >50-≤100% |
| 1330-20-7  | xylene                                   | >2.5-≤10% |
| 64742-95-6 | Solvent naphtha (petroleum), light arom. | >2.5-≤10% |
| 100-41-4   | ethylbenzene                             | ≤2.5%     |

### 4 First-aid measures

- **Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.
- **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:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

US

(Contd. on page 4)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

Trade name: 775 FINE RUSSET

(Contd. of page 3)

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

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 item 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**

- **PAC-1:**

|            |                                 |                     |
|------------|---------------------------------|---------------------|
| 123-86-4   | n-butyl acetate                 | 5 ppm               |
| 1330-20-7  | xylene                          | 130 ppm             |
| 100-41-4   | ethylbenzene                    | 33 ppm              |
| 107-98-2   | 1-methoxy-2-propanol            | 100 ppm             |
| 108-65-6   | 2-methoxy-1-methylethyl acetate | 50 ppm              |
| 7664-38-2  | phosphoric acid                 | 3 mg/m <sup>3</sup> |
| 70657-70-4 | 2-methoxypropyl acetate         | 50 ppm              |

- **PAC-2:**

|            |                                 |                      |
|------------|---------------------------------|----------------------|
| 123-86-4   | n-butyl acetate                 | 200 ppm              |
| 1330-20-7  | xylene                          | 920* ppm             |
| 100-41-4   | ethylbenzene                    | 1100* ppm            |
| 107-98-2   | 1-methoxy-2-propanol            | 160 ppm              |
| 108-65-6   | 2-methoxy-1-methylethyl acetate | 1,000 ppm            |
| 7664-38-2  | phosphoric acid                 | 30 mg/m <sup>3</sup> |
| 70657-70-4 | 2-methoxypropyl acetate         | 1,000 ppm            |

- **PAC-3:**

|           |                                 |                       |
|-----------|---------------------------------|-----------------------|
| 123-86-4  | n-butyl acetate                 | 3000* ppm             |
| 1330-20-7 | xylene                          | 2500* ppm             |
| 100-41-4  | ethylbenzene                    | 1800* ppm             |
| 107-98-2  | 1-methoxy-2-propanol            | 660 ppm               |
| 108-65-6  | 2-methoxy-1-methylethyl acetate | 5000* ppm             |
| 7664-38-2 | phosphoric acid                 | 150 mg/m <sup>3</sup> |

(Contd. on page 5)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

Trade name: 775 FINE RUSSET

(Contd. of page 4)

70657-70-4 2-methoxypropyl acetate

5,000 ppm

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.
- **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 item 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 remaining constituent has no known exposure limits.

#### 123-86-4 n-butyl acetate

|     |   |
|-----|---|
| PEL | Long-term value: 710 mg/m <sup>3</sup> , 150 ppm  |
| REL | Short-term value: 950 mg/m <sup>3</sup> , 200 ppm<br>Long-term value: 710 mg/m <sup>3</sup> , 150 ppm |
| TLV | Short-term value: 712 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 238 mg/m <sup>3</sup> , 50 ppm  |

#### 1330-20-7 xylene

|     |  |
|-----|--|
| PEL | Long-term value: 435 mg/m <sup>3</sup> , 100 ppm   |
| REL | Short-term value: 655 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 435 mg/m <sup>3</sup> , 100 ppm        |
| TLV | Short-term value: 651 mg/m <sup>3</sup> , 150 ppm<br>Long-term value: 434 mg/m <sup>3</sup> , 100 ppm<br>BEI |

(Contd. on page 6)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

Trade name: 775 FINE RUSSET

(Contd. of page 5)

**100-41-4 ethylbenzene**

|     |   |
|-----|---|
| PEL | Long-term value: 435 mg/m <sup>3</sup> , 100 ppm  |
| REL | Short-term value: 545 mg/m <sup>3</sup> , 125 ppm<br>Long-term value: 435 mg/m <sup>3</sup> , 100 ppm |
| TLV | Long-term value: 87 mg/m <sup>3</sup> , 20 ppm<br>BEI   |

· **Ingredients with biological limit values:****1330-20-7 xylene**

|     |  |
|-----|--|
| BEI | 1.5 g/g creatinine<br>Medium: urine<br>Time: end of shift<br>Parameter: Methylhippuric acids |
|-----|--|

**100-41-4 ethylbenzene**

|     |   |
|-----|---|
| BEI | 0.7 g/g creatinine<br>Medium: urine<br>Time: end of shift at end of workweek<br>Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative) |
| -   | Medium: end-exhaled air<br>Time: not critical<br>Parameter: Ethyl benzene (semi-quantitative)   |

· **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.  
Store protective clothing separately.

· **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

(Contd. on page 7)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

Trade name: 775 FINE RUSSET

(Contd. of page 6)

- **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.

- **Eye protection:**



Tightly sealed goggles

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

|                 |                 |
|-----------------|-----------------|
| Form:           | Liquid          |
| Color:          | Red             |
| 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:** 27 °C (80.6 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 370 °C (698 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- **Explosion limits:**

|        |           |
|--------|-----------|
| Lower: | 1.2 Vol % |
| Upper: | 7.5 Vol % |

- **Vapor pressure at 20 °C (68 °F):** 10.7 hPa (8 mm Hg)

(Contd. on page 8)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

Trade name: 775 FINE RUSSET

(Contd. of page 7)

- |                                    |   |
|------------------------------------|---|
| · <b>Density at 20 °C (68 °F):</b> | 0.962 g/cm <sup>3</sup> (8.02789 lbs/gal) |
| · <b>Relative density</b>          | Not determined.                           |
| · <b>Vapor density</b>             | Not determined.                           |
| · <b>Evaporation rate</b>          | Not determined.                           |

- |  |                                   |
|--|-----------------------------------|
| · <b>Solubility in / Miscibility with Water:</b> | Not miscible or difficult to mix. |
|--|-----------------------------------|

- |   |                 |
|---|-----------------|
| · <b>Partition coefficient (n-octanol/water):</b> | Not determined. |
|---|-----------------|

- |                     |                 |
|---------------------|-----------------|
| · <b>Viscosity:</b> |                 |
| <b>Dynamic:</b>     | Not determined. |
| <b>Kinematic:</b>   | Not determined. |

- |                              |                         |
|------------------------------|-------------------------|
| · <b>Solvent content:</b>    |                         |
| <b>Organic solvents:</b>     | 72.0 %                  |
| <b>Coating VOC content:</b>  | 71.99 %                 |
|                              | 692.6 g/l / 5.78 lb/gal |
| <b>Material VOC content:</b> | 692.6 g/l / 5.78 lb/gal |

- |                            |  |
|----------------------------|--|
| <b>Solids content:</b>     | 28.0 %                                     |
| · <b>Other information</b> | 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.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

**64742-95-6 Solvent naphtha (petroleum), light arom.**

|            |          |                    |
|------------|----------|--------------------|
| Oral       | LD50     | >6,800 mg/kg (rat) |
| Dermal     | LD50     | >3,400 mg/kg (rab) |
| Inhalative | LC50/4 h | >10.2 mg/l (rat)   |

(Contd. on page 9)

US





## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

**Trade name: 775 FINE RUSSET**

(Contd. of page 8)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

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

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

|           |              |    |
|-----------|--------------|----|
| 1330-20-7 | xylene       | 3  |
| 100-41-4  | ethylbenzene | 2B |

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the 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 2 (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even 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 10)

-US-



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

Trade name: 775 FINE RUSSET

(Contd. of page 9)

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

### 14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** UN1263

- **UN proper shipping name**
- **DOT** Paint
- **ADR** 1263 PAINT
- **IMDG, IATA** PAINT

- **Transport hazard class(es)**

- **DOT**



- **Class** 3 Flammable liquids
- **Label** 3

- **ADR, IMDG, IATA**



- **Class** 3 Flammable liquids
- **Label** 3

- **Packing group**
- **DOT, ADR, IMDG, IATA** III

- **Environmental hazards:**

- **Marine pollutant:** No

- **Special precautions for user** Warning: Flammable liquids

- **EMS Number:** F-E,S-E

- **Stowage Category** A

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

(Contd. on page 11)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

**Trade name: 775 FINE RUSSET**

(Contd. of page 10)

· **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**  
· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

1330-20-7 xylene

100-41-4 ethylbenzene

7664-38-2 phosphoric acid

· **TSCA (Toxic Substances Control Act):**

123-86-4 n-butyl acetate

ACTIVE

1330-20-7 xylene

ACTIVE

100-41-4 ethylbenzene

ACTIVE

107-98-2 1-methoxy-2-propanol

ACTIVE

108-65-6 2-methoxy-1-methylethyl acetate

ACTIVE

7664-38-2 phosphoric acid

ACTIVE

· **Hazardous Air Pollutants**

1330-20-7 xylene

100-41-4 ethylbenzene

(Contd. on page 12)

US



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

Trade name: 775 FINE RUSSET

(Contd. of page 11)

- **Proposition 65**

- **Chemicals known to cause cancer:**

|          |              |
|----------|--------------|
| 100-41-4 | ethylbenzene |
|----------|--------------|

- **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. |  |
|------------------------------------|--|

- **Chemicals known to cause developmental toxicity:**

|                                    |  |
|------------------------------------|--|
| None of the ingredients is listed. |  |
|------------------------------------|--|

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

|           |        |   |
|-----------|--------|---|
| 1330-20-7 | xylene | I |
|-----------|--------|---|

|          |              |   |
|----------|--------------|---|
| 100-41-4 | ethylbenzene | D |
|----------|--------------|---|

- **TLV (Threshold Limit Value established by ACGIH)**

|           |        |    |
|-----------|--------|----|
| 1330-20-7 | xylene | A4 |
|-----------|--------|----|

|          |              |    |
|----------|--------------|----|
| 100-41-4 | ethylbenzene | A3 |
|----------|--------------|----|

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

|                                    |  |
|------------------------------------|--|
| None of the ingredients is listed. |  |
|------------------------------------|--|

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02 GHS07 GHS08

- **Signal word** Warning

- **Hazard-determining components of labeling:**

*n*-butyl acetate

ethylbenzene

- **Hazard statements**

Flammable liquid and vapor.

Suspected of causing cancer.

May cause drowsiness or dizziness.

May cause damage to the hearing organs through prolonged or repeated exposure.

- **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Ground/bond container and receiving equipment.

(Contd. on page 13)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 09/11/2019

Reviewed on 06/28/2019

**Trade name: 775 FINE RUSSET**

(Contd. of page 12)

- Use explosion-proof electrical/ventilating/lighting/equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Do not breathe dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- 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.
- IF exposed or concerned: Get medical advice/attention.
- Call a poison center/doctor if you feel unwell.
- Get medical advice/attention if you feel unwell.
- In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.
- 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.
- **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** 09/11/2019 / -
- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport 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

ACGIH: American Conference of Governmental Industrial Hygienists

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)

HMS: 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

(Contd. on page 14)



**Safety Data Sheet**  
**acc. to OSHA HCS**

Printing date 09/11/2019

Reviewed on 06/28/2019

**Trade name: 775 FINE RUSSET**

(Contd. of page 13)

*Flam. Liq. 3: Flammable liquids – Category 3*  
*Carc. 2: Carcinogenicity – Category 2*  
*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*  
*STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2*

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