



**SAFETY DATA SHEET**  
**200/C264 - VANDALENE (ALL COLOURS)**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name 200/C264 - VANDALENE (ALL COLOURS)  
Product No. 200/C264/ ALL COLOURS

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

Identified uses As an anti-climb paint

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

Supplier COO-VAR  
Lockwood Street  
Hull  
HU2 0HN  
+44 (0) 1482 328053(T)  
+44 (0) 1482 219266(F)  
info@coo-var.co.uk  
Contact Person Technical Department - 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri as above

**1.4. Emergency telephone number**

+44 (0) 1482 328053 (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)

**SECTION 2: HAZARDS IDENTIFICATION**

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

Classification (EC 1272/2008)  
Physical and Chemical Hazards Flam. Liq. 3 - H226  
Human health Not classified.  
Environment Aquatic Chronic 3 - H412  
Classification (1999/45/EEC) R10, R52/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**2.2. Label elements**

Label In Accordance With (EC) No. 1272/2008



Signal Word Warning  
Hazard Statements H226 Flammable liquid and vapour.  
H412 Harmful to aquatic life with long lasting effects.  
Precautionary Statements P102 Keep out of reach of children.

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|       |  |
|-------|--|
| P101  | If medical advice is needed, have product container or label at hand.      |
| P273  | Avoid release to the environment.  |
| P280  | Wear protective gloves/protective clothing/eye protection/face protection. |
| P501A | Dispose of contents/container to special waste collection point            |

## Supplementary Precautionary Statements

|              |   |
|--------------|---|
| P210         | Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  |
| P233         | Keep container tightly closed.  |
| P240         | Ground/bond container and receiving equipment.  |
| P241         | Use explosion-proof electrical equipment.   |
| P242         | Use only non-sparking tools.  |
| P243         | Take precautionary measures against static discharge.   |
| P303+361+353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.<br>Rinse skin with water/shower. |
| P370+378     | In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.                            |
| P403+235     | Store in a well-ventilated place. Keep cool.  |

**2.3. Other hazards****SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

|  |   |  |
|--|---|--|
| WHITE SPIRIT   | 5-10%   |  |
| CAS-No.:   | EC No.: 919-446-0   | Registration Number: 01-2119458049-33-XXXX |
| Classification (EC 1272/2008)<br>Flam. Liq. 3 - H226<br>EUH066<br>STOT SE 3 - H336<br>STOT RE 1 - H372<br>Asp. Tox. 1 - H304<br>Aquatic Chronic 2 - H411 | Classification (67/548/EEC)<br>Xn;R65.<br>N;R51/53.<br>R10,R66,R67. |  |
| Carbon Black   | 1-5%  |  |
| CAS-No.: 1333-86-4   | EC No.: 215-609-9   | Registration Number: 01-2119384822-32      |
| Classification (EC 1272/2008)<br>Not classified.   | Classification (67/548/EEC)<br>Not classified.                      |  |
| ETHANOL  | <1%   |  |
| CAS-No.: 64-17-5   | EC No.: 200-578-6   | Registration Number: 01-2119457610-43-xxxx |
| Classification (EC 1272/2008)<br>Flam. Liq. 2 - H225   | Classification (67/548/EEC)<br>F;R11                                |  |
| METHANOL   | <0.1%   |  |
| CAS-No.: 67-56-1   | EC No.: 200-659-6   |  |

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Classification (EC 1272/2008)  
 Flam. Liq. 2 - H225  
 Acute Tox. 3 - H301  
 Acute Tox. 3 - H311  
 Acute Tox. 3 - H331  
 STOT SE 1 - H370

Classification (67/548/EEC)  
 F;R11  
 T;R23/24/25,R39/23/24/25

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

General information

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious.

Inhalation

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues. Place unconscious person on the side in the recovery position and ensure breathing can take place.

Ingestion

DO NOT induce vomiting. Get medical attention immediately. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes and get medical attention.

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

General information

If adverse symptoms develop as described the casualty should be transferred to hospital as soon as possible.

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

No specific first aid measures noted.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

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

Unusual Fire & Explosion Hazards

FLAMMABLE. Solvent vapours may form explosive mixtures with air.

Specific hazards

When heated and in case of fire, harmful vapours/gases may be formed.

**5.3. Advice for firefighters**

Special Fire Fighting Procedures

Be aware of danger for fire to re-start. Cool containers exposed to flames with water until well after the fire is out. Do not allow runoff to sewer, waterway or ground.

Protective equipment for fire-fighters

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Do not smoke, use open fire or other sources of ignition. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

**6.2. Environmental precautions**

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Avoid discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Should be prevented from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**6.4. Reference to other sections**

For personal protection, see section 8.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Observe occupational exposure limits and minimise the risk of inhalation of vapours and mist. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Do not eat, drink or smoke when using the product. The Manual Handling Operations Regulations may apply to the handling of containers of this product. To assist employers, the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

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

Store in closed original container at temperatures between 5°C and 25°C. Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep upright. Store separated from: Oxidising material. Alkalis. Acids.

Storage Class

Flammable liquid storage. The storage and use of this product is subject to the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR. Up to 250 litres of liquids with a flashpoint above 32C but below 55C may be kept in a workroom provided they are kept in closed containers in a marked, fire-resisting cupboard or bin. Larger quantities must be kept in a separate, marked storeroom conforming to the structural requirements contained in the HSE guidance note Storage of Flammable Liquids in Containers.

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

The identified uses for this product are detailed in Section 1.2.

Usage Description

Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

| Name         | STD | TWA - 8 Hrs |               | STEL - 15 Min |               | Notes |
|--------------|-----|-------------|---------------|---------------|---------------|-------|
| Carbon Black | WEL |             | 3,5 mg/m3     |               | 7 mg/m3       |       |
| ETHANOL      | WEL | 1000 ppm    | 1920 mg/m3    |               |               |       |
| METHANOL     | WEL | 200 ppm(Sk) | 266 mg/m3(Sk) | 250 ppm(Sk)   | 333 mg/m3(Sk) |       |
| WHITE SPIRIT | WEL |             | 350 mg/m3     |               |               |       |

WEL = Workplace Exposure Limit.

**200/C264 - VANDALENE (ALL COLOURS)****WHITE SPIRIT**

| DNEL     |             |            |                  |                       |
|----------|-------------|------------|------------------|-----------------------|
| Consumer | Oral        | Long Term  | Systemic Effects | 26 mg/kg/day          |
| Consumer | Dermal      | Long Term  | Systemic Effects | 26 mg/kg/day          |
| Consumer | Inhalation. | Long Term  | Systemic Effects | 71 mg/m <sup>3</sup>  |
| Consumer | Inhalation. | Short Term | Systemic Effects | 570 mg/m <sup>3</sup> |
| Industry | Inhalation. | Short Term | Systemic Effects | 570 mg/m <sup>3</sup> |
| Industry | Inhalation. | Long Term  | Systemic Effects | 330 mg/m <sup>3</sup> |
| Industry | Dermal      | Long Term  | Systemic Effects | 44 mg/kg/day          |

No PNEC available. Substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for the risk assessment of this complex substance.

**8.2. Exposure controls**

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

Eye protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Other Protection

Wear appropriate clothing to prevent reasonably probable skin contact.

Hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

|                               |                             |
|-------------------------------|-----------------------------|
| Appearance                    | Coloured gel. Grease        |
| Colour                        | Black. Grey. Green. Red.    |
| Odour                         | of solvents                 |
| Solubility                    | Insoluble in water          |
| Relative density              | 0.9 - 1.0 approx. @ 25      |
| Vapour density (air=1)        | heavier than air            |
| Viscosity                     | N/A                         |
| Flash point (°C)              | 47 approx. CC (Closed cup). |
| Flammability Limit - Lower(%) | 0.8                         |

**9.2. Other information**

Volatile Organic Compound (VOC) <65 g/litre

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No specific reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

**200/C264 - VANDALENE (ALL COLOURS)****10.3. Possibility of hazardous reactions**

Not determined.

**10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances.

**10.5. Incompatible materials**

Materials To Avoid

Strong alkalis. Strong acids. Strong oxidising substances.

**10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Inhalation

Vapour from this chemical can be hazardous when inhaled. Vapour may irritate respiratory system or lungs.

Ingestion

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

Skin contact

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

Eye contact

May cause temporary eye irritation.

Health Warnings

This product has low toxicity. Only large volumes may have adverse impact on human health.

Route of entry

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

Medical Considerations

Skin disorders and allergies. Avoid vomiting and normal rinse of stomach because of risk of aspiration.

Toxicological information on ingredients.

**200/C264 - VANDALENE (ALL COLOURS)****WHITE SPIRIT****Other Health Effects**

This substance has no evidence of carcinogenic properties.

**Acute toxicity:**

Acute Toxicity (Oral LD50)

> 15000 mg/kg Rat

Conclusive data but not sufficient for classification.

Acute Toxicity (Dermal LD50)

~ 3400 mg/kg Rabbit

Conclusive data but not sufficient for classification.

Acute Toxicity (Inhalation LC50)

> 13.1 mg/l (vapours) Rat 4 hours

Conclusive data but not sufficient for classification.

ATE (Inhalation)

13.1 mg/l (vapours)

**Skin Corrosion/Irritation:**

Erythema/oeschar score

Very slight erythema -barely perceptible (1).

Oedema score

Very slight oedema -barely perceptible (1).

Not irritating.

Not irritating. Non Corrosive to skin.

**Serious eye damage/irritation:**

Not Irritating.

**Respiratory or skin sensitisation:**

Respiratory sensitisation

Inconclusive data.

There is evidence that the material can lead to respiratory hypersensitivity.

Skin sensitisation

Guinea pig maximization test (GPMT): Guinea Pig

Not Sensitising.

**Germ cell mutagenicity:**

Genotoxicity - In Vitro

Bacterial Reverse Mutation Test

Negative.

This substance has no evidence of mutagenic properties.

Genotoxicity - In Vivo

Chromosome aberration:

Negative.

**Carcinogenicity:**

Carcinogenicity

NOAEL 300 mg/kg Oral Rat

NOAEL >2200 mg/m3 Inhalation. Rat

**Reproductive Toxicity:**

Reproductive Toxicity - Fertility

One-generation study: NOAEL >3000 mg/kg/day Oral Rat P

Reproductive Toxicity - Development

Developmental toxicity: NOAEC >300 ppm Inhalation. Rat

**Specific target organ toxicity - single exposure:**

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## Target Organs

Central nervous system

Central nervous system depression including narcotic effects such as drowsiness, narcosis, reduced alertness, loss of reflexes, lack of coordination and vertigo.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEL 1056 mg/kg Oral Rat

Target Organs

Central nervous system

Aspiration hazard:

Viscosity

Kinematic viscosity <= 20.5 mm<sup>2</sup>/s.

Inhalation

Vapours may cause drowsiness and dizziness.

Ingestion

Harmful: may cause lung damage if swallowed. May cause stomach pain or vomiting.

Skin contact

May cause defatting of the skin, but is not an irritant. Not a skin sensitiser.

Eye contact

No specific health warnings noted.

Route of entry

Skin and/or eye contact. Inhalation.

Central nervous system

**SECTION 12: ECOLOGICAL INFORMATION**

## Ecotoxicity

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

Ecological information on ingredients.**WHITE SPIRIT**

Ecotoxicity

Dangerous for the environment if discharged into watercourses.

**12.1. Toxicity**Ecological information on ingredients.**WHITE SPIRIT**

Dangerous for the environment if discharged into watercourses Toxic to aquatic organisms

Acute Toxicity - Fish

LC50 96 hours ~ 10 - 30 mg/l Onchorhynchus mykiss (Rainbow trout)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours 10 - 22 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants

EC50 72 hours 4.6 - 10 mg/l Scenedesmus subspicatus

EC50 48 hours 43.98 mg/l Activated sludge

Chronic Toxicity - Aquatic Invertebrates

NOEC 21 days &lt; 0.28 mg/l Daphnia magna

**12.2. Persistence and degradability**

Degradability

The product is not expected to be biodegradable.



**200/C264 - VANDALENE (ALL COLOURS)**Ecological information on ingredients.**WHITE SPIRIT**

## Degradability

The product is easily biodegradable.

## Phototransformation

Scientifically unjustified.

## Stability (Hydrolysis)

Scientifically unjustified.

## Biodegradation

Degradation (75%) 28 days

The substance is readily biodegradable.

**12.3. Bioaccumulative potential**

## Bioaccumulative potential

The product contains potentially bioaccumulating substances.

Ecological information on ingredients.**WHITE SPIRIT**

## Bioaccumulation factor

Scientifically unjustified.

Substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

## Partition coefficient

Technically not feasible.

**12.4. Mobility in soil**

## Mobility:

The product is non-volatile.

Ecological information on ingredients.**WHITE SPIRIT**

## Adsorption/Desorption Coefficient

Scientifically unjustified.

## Henry's Law Constant

Scientifically unjustified.

Volatilisation is dependent on Henry's Law constant (HLC) which is not applicable to complex substances.

## Surface tension

24 - 27 mN/m 25 °C

**12.5. Results of PBT and vPvB assessment**Ecological information on ingredients.**WHITE SPIRIT**

Not Classified as PBT/vPvB by current EU criteria.

**12.6. Other adverse effects**

Not determined.

Ecological information on ingredients.**WHITE SPIRIT**

This substance may contribute to ozone formation in the near surface atmosphere. However, the photochemical formation of ozone depends on a complex interaction of other atmospheric pollutant sources and environmental conditions. Therefore, the contribution of this substance to ozone formation is outside the scope of this substance assessment and is more appropriately addressed via EU air quality directives.

**SECTION 13: DISPOSAL CONSIDERATIONS**

## General information

Do not allow to enter drains, sewers or watercourses.

**200/C264 - VANDALENE (ALL COLOURS)****13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

**Waste Class**

When this coating, in its liquid state, as supplied, becomes a waste, it is categorised as hazardous waste, with code 08 01 11\* (SOLVENT BASED LIQUID WASTE). Part-used containers, not drained and/or rigorously scraped out and containing dried residues of the supplied coating, are categorised as hazardous waste, with code 08 01 11\* (SOLVENT BASED LIQUID WASTE). If mixed with other wastes, the above waste code may not be applicable. Used containers, drained and/or rigorously scraped out and containing dry residues of the supplied coating, are categorised as non-hazardous waste, with code 15 01 02 (plastic packaging) or 15 01 04 (metal packaging).

**SECTION 14: TRANSPORT INFORMATION**

General This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG.

**14.1. UN number**

|                      |      |
|----------------------|------|
| UN No. (ADR/RID/ADN) | 1263 |
| UN No. (IMDG)        | 1263 |
| UN No. (ICAO)        | 1263 |

**14.2. UN proper shipping name**

|                      |       |
|----------------------|-------|
| Proper Shipping Name | PAINT |
|----------------------|-------|

**14.3. Transport hazard class(es)**

|                     |                             |
|---------------------|-----------------------------|
| ADR/RID/ADN Class   | Class 3: Flammable liquids. |
| IMDG Class          | 3                           |
| ICAO Class/Division | 3                           |
| Transport Labels    |                             |

**14.4. Packing group**

|                    |     |
|--------------------|-----|
| IMDG Packing group | III |
| ICAO Packing group | III |

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
No.

**14.6. Special precautions for user**

|                         |          |
|-------------------------|----------|
| EMS                     | F-E, S-E |
| Tunnel Restriction Code | (D/E)    |

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: REGULATORY INFORMATION**

**200/C264 - VANDALENE (ALL COLOURS)****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

## Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

## Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

## Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Dangerous Substances and Explosive Atmospheres Regulations 2002 [L138]

## Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

## National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION**

## Revision Comments

Issued in new format for Reach compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 453/2010 Update for CLP labelling.

|                          |                        |
|--------------------------|------------------------|
| Issued By                | Technical Dept. (P.E.) |
| Revision Date            | 23/01/2015             |
| Revision                 | 9                      |
| Supersedes date          | 10/06/2014             |
| SDS No.                  | 10429                  |
| Safety Data Sheet Status | Approved.              |
| Date                     | Date printed _____     |
| Signature                | Initials _____         |

## Risk Phrases In Full

|              |   |
|--------------|---|
| R10          | Flammable.  |
| R52/53       | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.                 |
| R65          | Harmful: may cause lung damage if swallowed.  |
| R11          | Highly flammable  |
| NC           | Not classified.   |
| R66          | Repeated exposure may cause skin dryness or cracking.   |
| R23/24/25    | Toxic by inhalation, in contact with skin and if swallowed.   |
| R51/53       | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.                   |
| R39/23/24/25 | Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. |
| R67          | Vapours may cause drowsiness and dizziness.   |

**200/C264 - VANDALENE (ALL COLOURS)**

## Hazard Statements In Full

|        |   |
|--------|---|
| H372   | Causes damage to organs <<Organs>> through prolonged or repeated exposure if inhaled. |
| H370   | Causes damage to organs <<Organs>>.   |
| H226   | Flammable liquid and vapour.  |
| H412   | Harmful to aquatic life with long lasting effects.                                    |
| H225   | Highly flammable liquid and vapour.   |
| H304   | May be fatal if swallowed and enters airways.   |
| H336   | May cause drowsiness or dizziness.  |
| EUH066 | Repeated exposure may cause skin dryness or cracking.                                 |
| H331   | Toxic if inhaled.   |
| H301   | Toxic if swallowed.   |
| H311   | Toxic in contact with skin.   |
| H411   | Toxic to aquatic life with long lasting effects.                                      |

## Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.