



PACIFICA PLUS

Version 4 / GB
102000020526

1/13
Revision Date: 03.04.2019
Print Date: 24.04.2019

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

1.1 Product identifier

Trade name PACIFICA PLUS
Product code (UVP) 80008880

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

Use Herbicide

1.3 Details of the supplier of the safety data sheet

Supplier Bayer CropScience Limited
230 Cambridge Science Park
Milton Road
Cambridge
Cambridgeshire CB4 0WB
United Kingdom

Telephone +44(0)1223 226500

Telefax +44(0)1223 426240

Responsible Department Email: ukcropssupport@bayer.com

1.4 Emergency telephone no.

Emergency telephone no. 00800 1020 3333 (24 hr)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Serious eye damage: Category 1
H318 Causes serious eye damage.

Skin sensitisation: Category 1
H317 May cause an allergic skin reaction.

Acute aquatic toxicity: Category 1
H400 Very toxic to aquatic life.

Chronic aquatic toxicity: Category 1
H410 Very toxic to aquatic life with long lasting effects.

2.2 Label elements

Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.

Hazard label for supply/use required.

Hazardous components which must be listed on the label:

**PACIFICA PLUS**Version 4 / GB
102000020526

2/13

Revision Date: 03.04.2019
Print Date: 24.04.2019

- Amidosulfuron-sodium
- Iodosulfuron-methyl-sodium
- Mesosulfuron-methyl, sodium salt
- Mefenpyr-diethyl

**Signal word:** Danger**Hazard statements**

H317 May cause an allergic skin reaction.
 H318 Causes serious eye damage.
 H410 Very toxic to aquatic life with long lasting effects.
 EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

Precautionary statements

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P305 + P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 + P338
 P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P501 Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

2.3 Other hazards

No other hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures****Chemical nature**

Water dispersible granules (WG)

Amidosulfuron/Iodosulfuron-methyl -sodium/Mesosulfuron -methyl/Mefenpyr-diethyl 5,0:1,0:3,0:9,0 %

Hazardous components

Hazard statements according to Regulation (EC) No. 1272/2008

| Name | CAS-No. / EC-No. / REACH Reg. No. | Classification | Conc. [%] |
|----------------------------------|---|--|-------------|
| | | REGULATION (EC) No 1272/2008 | |
| Amidosulfuron-sodium | 596120-00-2 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | 5.3 |
| Iodosulfuron-methyl-sodium | 144550-36-7 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | 1 |
| Mesosulfuron-methyl, sodium salt | 208465-19-4 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | 3.1 |
| Mefenpyr-diethyl | 135590-91-9 | Aquatic Chronic 2, H411 | 9 |
| Solvent Naphtha | 64742-94-5 | Asp. Tox. 1, H304 | > 10 – < 25 |

**PACIFICA PLUS**Version 4 / GB
102000020526

3/13

Revision Date: 03.04.2019

Print Date: 24.04.2019

| | | | |
|---|--|---|----------------|
| (petroleum), heavy aromatic, <1% naphthalene | 265-198-5 01-2119451097-39-xxxx | Aquatic Chronic 2, H411 | |
| Sulfonated aromatic polymer, sodium salt | 68425-94-5 | Eye Irrit. 2, H319 | > 0.5 – < 5 |
| Aromatic hydrocarbons, C10-13, reaction products with branched nonene, sulfonated, sodium salts | 1258274-08-6 01-2119980591-31-xxxx | Skin Irrit. 2, H315 Eye Dam. 1, H318 | > 0.1 – < 5 |
| Docusate sodium | 577-11-7 209-406-4 01-2119491296-29-xxxx | Eye Dam. 1, H318 Skin Irrit. 2, H315 | > 0.1 – < 0.5 |
| Kaolin | 1332-58-7 310-194-1 | Not classified | > 15 – < 30 |
| Diacetone alcohol | 123-42-2 204-626-7 | Flam. Liq. 3, H226 STOT SE 3, H335 Eye Irrit. 2, H319 | < 0.1 |
| Amorphous silica | 63231-67-4 231-545-4 | Not classified | |
| Naphthalene | 91-20-3 202-049-5 | Carc. 2, H351 Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 | >= 0.1 – < 0.5 |
| Calcium dodecylbenzenesulphonate | 26264-06-2 247-557-8 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 | > 1 – < 5 |

Further information

| | | |
|----------------------------------|-------------|-------------------------|
| Iodosulfuron-methyl-sodium | 144550-36-7 | M-Factor: 1,000 (acute) |
| Mesosulfuron-methyl, sodium salt | 208465-19-4 | M-Factor: 1,000 (acute) |

Substances for which there are Community workplace exposure limits:
Naphthalene (91-20-3)

For the full text of the H-Statements mentioned in this Section, see Section 16.

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

Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely. When symptoms develop and persist, seek medical advice.

Inhalation

Move to fresh air. Keep patient warm and at rest. Call a physician or poison control center immediately.



PACIFICA PLUS

Version 4 / GB
102000020526

4/13

Revision Date: 03.04.2019
Print Date: 24.04.2019

| | |
|---------------------|--|
| Skin contact | Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. If symptoms persist, call a physician. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately. |
| Ingestion | Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately. |

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No symptoms known or expected.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment Treat symptomatically. Gastric lavage is not normally required. However, if a significant amount (more than a mouthful) has been ingested, administer activated charcoal and sodium sulphate.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Water spray, Carbon dioxide (CO₂), Foam, Sand

Unsuitable High volume water jet

5.2 Special hazards arising from the substance or mixture In the event of fire the following may be released: Hydrogen cyanide (hydrocyanic acid), Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Sulphur oxides, Hydrogen iodide (HI)

5.3 Advice for firefighters

Special protective equipment for firefighters In the event of fire and/or explosion do not breathe fumes. In the event of fire, wear self-contained breathing apparatus.

Further information Remove product from areas of fire, or otherwise cool containers with water in order to avoid pressure being built up due to heat. Contain the spread of the fire-fighting media. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Precautions Avoid contact with spilled product or contaminated surfaces. Use personal protective equipment.

6.2 Environmental precautions Do not allow to get into surface water, drains and ground water. If spillage enters drains leading to sewage works inform local water company immediately. If spillage enters rivers or watercourses, inform the Environment Agency (emergency telephone number 0800 807060).

**PACIFICA PLUS**Version 4 / GB
102000020526

5/13

Revision Date: 03.04.2019
Print Date: 24.04.2019**6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up Use mechanical handling equipment. Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.

Additional advice Check also for any local site procedures.

6.4 Reference to other sections Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

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

Advice on safe handling No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice. Ensure adequate ventilation. Avoid dust formation.

Advice on protection against fire and explosion Keep away from heat and sources of ignition.

Hygiene measures Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands immediately after work, if necessary take a shower. Wash hands before breaks and immediately after handling the product. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt).

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers Store in original container. Store in a place accessible by authorized persons only. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Protect from freezing.

Advice on common storage Keep away from food, drink and animal feedingstuffs.

Suitable materials Cylindrical bottles 0.25 – 1 L : COEXEV/COEXPA
Aluminium composite film (min. 0,007 mm Aluminium)

7.3 Specific end use(s) Refer to the label and/or leaflet.

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

| Components | CAS-No. | Control parameters | Update | Basis |
|-------------------------------------|-------------|-------------------------------|---------|----------|
| Iodosulfuron-methyl-sodium | 144550-36-7 | 1 mg/m ³ (TWA) | | OES BCS* |
| Mesosulfuron-methyl, sodium salt | 208465-19-4 | 10 mg/m ³ (TWA) | | OES BCS* |
| Mefenpyr-diethyl | 135590-91-9 | 10 mg/m ³ (TWA) | | OES BCS* |
| Amorphous silica | 63231-67-4 | 6 mg/m ³ | 12 2011 | EH40 WEL |



PACIFICA PLUS

Version 4 / GB
102000020526

6/13
Revision Date: 03.04.2019
Print Date: 24.04.2019

| | | | | |
|--------------------|------------|---|---------|----------|
| (Inhalable dust.) | | (TWA) | | |
| Amorphous silica | 63231-67-4 | 2.4 mg/m ³ (TWA) | 12 2011 | EH40 WEL |
| (Respirable dust.) | | | | |
| Kaolin | 1332-58-7 | 2 mg/m ³ (TWA) | 12 2011 | EH40 WEL |
| (Respirable dust.) | | | | |
| Diacetone alcohol | 123-42-2 | 362 mg/m ³ /75 ppm (STEL) | 12 2011 | EH40 WEL |
| Diacetone alcohol | 123-42-2 | 241 mg/m ³ /50 ppm (TWA) | 12 2011 | EH40 WEL |

*OES BCS: Internal Bayer AG, Crop Science Division "Occupational Exposure Standard"

8.2 Exposure controls

Refer to **COSHH assessment (Control of Substances Hazardous to Health (Amendment) Regulations 2004)**. Engineering controls should be used in preference to personal protective equipment wherever practicable. Refer also to **COSHH Essentials**.

Personal protective equipment

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection

Wear respirator with a particle filter mask (protection factor 4) conforming to European norm EN149FFP1 or equivalent. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.

Hand protection

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Wash gloves when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed.

| | |
|----------------------|--|
| Material | Nitrile rubber |
| Rate of permeability | > 480 min |
| Glove thickness | > 0.4 mm |
| Protective index | Class 6 |
| Directive | Protective gloves complying with EN 374. |

Eye protection

Wear goggles (conforming to EN166, Field of Use = 5 or equivalent) and faceshield (conforming to EN166, Field of Use = 3 or equivalent).

Skin and body protection

Wear standard coveralls and Category 3 Type 4 suit. If there is a risk of significant exposure, consider a higher protective type suit. Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and

**PACIFICA PLUS**Version 4 / GB
102000020526

7/13

Revision Date: 03.04.2019
Print Date: 24.04.2019

II should be professionally laundered frequently.

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

| | |
|---|---|
| Form | water-dispersible granules |
| Colour | beige to brown |
| Odour | aromatic |
| pH | 7.5 - 9.5 (10 %) (23 °C) (deionized water) |
| Flammability (solid, gas) | The product is not highly flammable. |
| Auto-ignition temperature | 270 °C |
| Minimum ignition energy | 100 - 300 mJ |
| Bulk density | 0.637 - 0.747 g/ml (loose) |
| Partition coefficient: n-octanol/water | Amidosulfuron: log Pow: -1.56 (22 °C) (pH 7) Iodosulfuron-methyl-sodium: log Pow: -0.7 Mesosulfuron-methyl: log Pow: -0.48 Mefenpyr-diethyl: log Pow: 3.83 (21 °C) |
| Oxidizing properties | No oxidizing properties |
| Explosivity | Not explosive |
| 9.2 Other information | Further safety related physical-chemical data are not known. |

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity****Thermal decomposition** 120 °C, Heating rate: 3 K/min, Decomposition energy: 10 kJ/kg**10.2 Chemical stability** Stable under normal conditions.**10.3 Possibility of hazardous reactions** No hazardous reactions when stored and handled according to prescribed instructions.**10.4 Conditions to avoid** Extremes of temperature and direct sunlight.**10.5 Incompatible materials** Strong oxidizing agents, Strong reducing agents**10.6 Hazardous decomposition products** No decomposition products expected under normal conditions of use.**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects**

**PACIFICA PLUS**Version 4 / GB
102000020526

8/13

Revision Date: 03.04.2019
Print Date: 24.04.2019

| | |
|--|---|
| Acute oral toxicity | LD50 (Rat) > 2,000 mg/kg |
| Acute dermal toxicity | LD50 (Rat) > 2,000 mg/kg |
| Skin corrosion/irritation | No skin irritation (Rabbit) |
| Serious eye damage/eye irritation | Severe eye irritation. (Rabbit) |
| Respiratory or skin sensitisation | Skin: Sensitising (Mouse) OECD Test Guideline 429, local lymph node assay (LLNA) |

Assessment STOT Specific target organ toxicity – single exposure

Amidosulfuron: Based on available data, the classification criteria are not met.
Iodosulfuron-methyl-sodium: Based on available data, the classification criteria are not met.
Mesosulfuron-methyl: Based on available data, the classification criteria are not met.
Mefenpyr-diethyl: Based on available data, the classification criteria are not met.

Assessment STOT Specific target organ toxicity – repeated exposure

Amidosulfuron did not cause specific target organ toxicity in experimental animal studies.
Iodosulfuron-methyl-sodium did not cause specific target organ toxicity in experimental animal studies.
Mesosulfuron-methyl did not cause specific target organ toxicity in experimental animal studies.
Mefenpyr-diethyl did not cause specific target organ toxicity in experimental animal studies.

Assessment mutagenicity

Amidosulfuron was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.
Iodosulfuron-methyl-sodium was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.
Mesosulfuron-methyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.
Mefenpyr-diethyl was not mutagenic or genotoxic in a battery of in vitro and in vivo tests.

Assessment carcinogenicity

Amidosulfuron was not carcinogenic in lifetime feeding studies in rats and mice.
Iodosulfuron-methyl-sodium was not carcinogenic in lifetime feeding studies in rats and mice.
Mesosulfuron-methyl was not carcinogenic in lifetime feeding studies in rats and mice.
Mefenpyr-diethyl was not carcinogenic in lifetime feeding studies in rats and mice.

Assessment toxicity to reproduction

Amidosulfuron did not cause reproductive toxicity in a two-generation study in rats.
Iodosulfuron-methyl-sodium did not cause reproductive toxicity in a two-generation study in rats.
Mesosulfuron-methyl did not cause reproductive toxicity in a two-generation study in rats.
Mefenpyr-diethyl did not cause reproductive toxicity in a two-generation study in rats.

Assessment developmental toxicity

Amidosulfuron did not cause developmental toxicity in rats and rabbits.
Iodosulfuron-methyl-sodium did not cause developmental toxicity in rats and rabbits.
Mesosulfuron-methyl did not cause developmental toxicity in rats and rabbits.
Mefenpyr-diethyl caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Mefenpyr-diethyl are related to maternal toxicity.

Aspiration hazard

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

Further information

No further toxicological information is available.

**PACIFICA PLUS**Version 4 / GB
102000020526

9/13

Revision Date: 03.04.2019

Print Date: 24.04.2019

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

| | |
|--|--|
| Toxicity to fish | LC50 (Oncorhynchus mykiss (rainbow trout)) 11.5 mg/l Exposure time: 96 h |
| Toxicity to aquatic invertebrates | EC50 (Daphnia magna (Water flea)) 15 mg/l Exposure time: 48 h |
| Toxicity to aquatic plants | EC50 (Raphidocelis subcapitata (freshwater green alga)) 5.6 mg/l Growth rate; Exposure time: 72 h EC50 (Lemna gibba (gibbous duckweed)) 0.0199 mg/l Growth rate; Exposure time: 7 d |

12.2 Persistence and degradability

| | |
|-------------------------|--|
| Biodegradability | Amidosulfuron: Not rapidly biodegradable Iodosulfuron-methyl-sodium: Not rapidly biodegradable Mesosulfuron-methyl: Not rapidly biodegradable Mefenpyr-diethyl: Not rapidly biodegradable |
| Koc | Amidosulfuron: Koc: 36 Iodosulfuron-methyl-sodium: Koc: 45 Mesosulfuron-methyl: Koc: 92 Mefenpyr-diethyl: Koc: 625 |

12.3 Bioaccumulative potential

| | |
|------------------------|--|
| Bioaccumulation | Amidosulfuron: Does not bioaccumulate. Iodosulfuron-methyl-sodium: Does not bioaccumulate. Mesosulfuron-methyl: Does not bioaccumulate. Mefenpyr-diethyl: Bioconcentration factor (BCF) 232 Does not bioaccumulate. |
|------------------------|--|

12.4 Mobility in soil

| | |
|-------------------------|--|
| Mobility in soil | Amidosulfuron: Mobile in soils Iodosulfuron-methyl-sodium: Mobile in soils Mesosulfuron-methyl: Moderately mobile in soils Mefenpyr-diethyl: Slightly mobile in soils |
|-------------------------|--|

12.5 Results of PBT and vPvB assessment

| | |
|--------------------------------|--|
| PBT and vPvB assessment | Amidosulfuron: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB). Iodosulfuron-methyl-sodium: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB). Mesosulfuron-methyl: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB). Mefenpyr-diethyl: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB). |
|--------------------------------|--|



PACIFICA PLUS

Version 4 / GB
102000020526

10/13

Revision Date: 03.04.2019
Print Date: 24.04.2019

very persistent and very bioaccumulative (vPvB).
Mefenpyr-diethyl: This substance is not considered to be persistent, bioaccumulative and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulative (vPvB).

12.6 Other adverse effects

Additional ecological information No further ecological information is available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant. Advice may be obtained from the local waste regulation authority (part of the Environment Agency in the UK).

Contaminated packaging Small containers (< 10 l or < 10 kg) should be rinsed thoroughly using an integrated pressure rinsing device, or, by manually rinsing three times.
Add washings to sprayer at time of filling.
Dispose of empty and cleaned packaging safely.
Follow advice on product label and/or leaflet.

Contaminated packaging Not completely emptied packagings should be disposed of as hazardous waste.

Waste key for the unused product **02 01 08*** agrochemical waste containing hazardous substances

SECTION 14: TRANSPORT INFORMATION

ADR/RID/ADN

| | |
|---------------------------------|---|
| 14.1 UN number | 3077 |
| 14.2 Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IODOSULFURON-METHYL-SODIUM MIXTURE) |
| 14.3 Transport hazard class(es) | 9 |
| 14.4 Packaging Group | III |
| 14.5 Environm. Hazardous Mark | YES |
| Hazard no. | 90 |

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.

IMDG

| | |
|---------------------------------|---|
| 14.1 UN number | 3077 |
| 14.2 Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IODOSULFURON-METHYL-SODIUM MIXTURE) |
| 14.3 Transport hazard class(es) | 9 |

**PACIFICA PLUS**Version 4 / GB
102000020526

11/13

Revision Date: 03.04.2019
Print Date: 24.04.201914.4 Packaging Group III
14.5 Marine pollutant YES**IATA**14.1 UN number **3077**
14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(IODOSULFURON-METHYL-SODIUM MIXTURE)
14.3 Transport hazard class(es) 9
14.4 Packaging Group III
14.5 Environm. Hazardous Mark YES**UK 'Carriage' Regulations**14.1 UN number **3077**
14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(IODOSULFURON-METHYL-SODIUM MIXTURE)
14.3 Transport hazard class(es) 9
14.4 Packaging Group III
14.5 Environm. Hazardous Mark YES
Emergency action code 2Z**14.6 Special precautions for user**

See sections 6 to 8 of this Safety Data Sheet.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

No transport in bulk according to the IBC Code.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****UK and Northern Ireland Regulatory References**

This material may be subject to some or all of the following regulations (and any subsequent amendments). Users must ensure that any uses and restrictions as indicated on the label and/or leaflet are followed.

Transport

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No 1348)

Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997 (SI 1997 No 2367)
Air Navigation Dangerous Goods Regulations 2002 (SI 2002 No 2786)**Supply and Use**Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No 716)
Chemical (Hazard Information and Packaging for Supply) (Northern Ireland) Regulations 2009

Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No 2677)

EH40 Occupational Exposure Limits - Table 1 List of approved workplace exposure limits

Control of Pesticide Regulations 1986

Dangerous Substances and Explosive Atmospheres Regulations 2002

Waste Treatment

**PACIFICA PLUS**Version 4 / GB
102000020526

12/13

Revision Date: 03.04.2019
Print Date: 24.04.2019

Environmental Protection Act 1990, Part II
Environmental Protection (Duty of Care) Regulations 1991
The Waste Management Licensing Regulations 1994 (as amended)
Hazardous Waste Regulations 2005 (Replacing Special Waste Regulations 1996 as amended)
Landfill Directive
Regulation on Substances That Deplete the Ozone Layer 1994 (EEC/3093/94)
Water Resources Act 1991
Anti-Pollution Works Regulations 1999

Further information

WHO-classification: III (Slightly hazardous)

15.2 Chemical safety assessment

A chemical safety assessment is not required.

SECTION 16: OTHER INFORMATION**Text of the hazard statements mentioned in Section 3**

| | |
|------|---|
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H351 | Suspected of causing cancer. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

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 |
| CAS-Nr. | Chemical Abstracts Service number |
| Conc. | Concentration |
| EC-No. | European community number |
| ECx | Effective concentration to x % |
| EH40 WEL | Worker Exposure Limit |
| EINECS | European inventory of existing commercial substances |
| ELINCS | European list of notified chemical substances |
| EN | European Standard |
| EU | European Union |
| IATA | International Air Transport Association |
| IBC | International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code) |
| ICx | Inhibition concentration to x % |
| IMDG | International Maritime Dangerous Goods |
| LCx | Lethal concentration to x % |



PACIFICA PLUS

Version 4 / GB
102000020526

13/13
Revision Date: 03.04.2019
Print Date: 24.04.2019

| | |
|-----------|--|
| LDx | Lethal dose to x % |
| LOEC/LOEL | Lowest observed effect concentration/level |
| MARPOL | MARPOL: International Convention for the prevention of marine pollution from ships |
| N.O.S. | Not otherwise specified |
| NOEC/NOEL | No observed effect concentration/level |
| OECD | Organization for Economic Co-operation and Development |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SI | Statutory Instrument |
| TWA | Time weighted average |
| UN | United Nations |
| WHO | World health organisation |

Reason for Revision: Safety Data Sheet according to Regulation (EU) No. 2015/830. The following sections have been revised: Section 3: Composition / Information on Ingredients. Section 4: First Aid Measures.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The above information is intended to give general health and safety guidance on the storage and transport of the product.

It is not intended to apply to the use of the product for which purposes the product label and any appropriate technical usage literature available should be consulted and any relevant licenses, consents or approvals complied with.

The requirements or recommendations of any relevant site or working procedure, system or policy in force or arising from any risk assessment involving the substance or product should take precedence over any of the guidance contained in this safety data sheet where there is a difference in the information given.

The information provided in this safety data sheet is accurate at the date of publication and will be updated as and when appropriate.

No liability will be accepted for any injury, loss or damage resulting from any failure to take account of information or advice contained in this safety data sheet.