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		SDS ref. 110-G1-KAC-20

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

1.1. Product identifier

Product form : Substance
Trade name/designation : Kane Ace™ B28A, B29A, B660
Document no. : SDS ref. 110-G1-KAC-20

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
Use of the substance/mixture : Manufacture of plastic materials

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Kaneka Belgium NV
Nijverheidsstraat 16
2260 Westerlo-Oevel
Belgium
T +32-14-25 78 00
sheq@kaneka.be

1.4. Emergency telephone number

Emergency number : +32-14-25 78 00/+32-14-25 78 10
This telephone number is available 24 hours per day, 7 days per week.

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 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]

Hazardous to the aquatic environment – Chronic H412
Hazard, Category 3
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Signal word : -

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Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.
 Precautionary statements (CLP) : P273 - Avoid release to the environment.
 P501 - Dispose of contents and container to an approved waste disposal plant.
 Extra phrases : EUH208 - Contains 2,4-dimethyl-6-(1-methyl-pentadecyl)phenol. May produce an allergic reaction.

2.3. Other hazards

Other hazards : Risk of dust explosion. Results of PBT and vPvB assessment : This information is not available.

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance name : Kane Ace™ B28A, B29A, B660

Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Methylmethacrylate-butadiene-styrene polymer	-	> 99	Not classified
2,4-dimethyl-6-(1-methyl-pentadecyl)phenol	CAS-No.: 134701-20-5 EC-No.: 411-220-5 EC Index: 604-062-00-5 REACH-no: 01-2119930587-30-XXXX	0,25 – < 2,5	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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

Additional advice : First aider: Pay attention to self-protection!. Concerning personal protective equipment to use, see section 8. Never give anything by mouth to an unconscious person. In case of doubt or persistent symptoms, consult always a physician. Show this safety data sheet to the doctor in attendance.

Inhalation : Remove casualty to fresh air and keep warm and at rest. In case of doubt or persistent symptoms, consult always a physician.

Skin contact : Remove contaminated clothing and shoes. Gently wash with plenty of soap and water. In case of doubt or persistent symptoms, consult always a physician.

Eyes contact : In case of doubt or persistent symptoms, consult always a physician. Rinse immediately carefully and thoroughly with eye-bath or water.

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Ingestion : Rinse mouth thoroughly with water. Induce vomiting if person is conscious. Get medical advice/attention.

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

Inhalation : May cause nose, throat, and lung irritation. (dust).
Skin contact : Contact with dust may cause mechanical irritation or drying of the skin. May produce an allergic reaction.
Eyes contact : Dust may cause painful eye irritation and tearing.
Ingestion : This product has no known adverse effect on human health. Non-hazardous substance .

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 : carbon dioxide (CO₂), powder, alcohol-resistant foam, water spray.
Unsuitable extinguishing media : Strong water jet. Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards : Not flammable. May form explosive dust-air mixture. Do not allow run-off from fire-fighting to enter drains or water courses.
Hazardous decomposition products in case of fire : Carbon oxides (CO, CO₂).

5.3. Advice for firefighters

Firefighting instructions : Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.
Other information : Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

For non-emergency personnel : Evacuate unnecessary personnel. Keep upwind. Provide adequate ventilation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Wear recommended personal protective equipment. Concerning personal protective equipment to use, see section 8. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid dust formation.

6.1.2. For emergency responders

For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see section 8.

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6.2. Environmental precautions

Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Stop leak if safe to do so. Dam up the solid spill. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Large spills: scoop solid spill into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation. Avoid dust formation. Knock down/dilute dust cloud with water spray.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8 . Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Do not allow to enter into surface water or drains. Avoid release to the environment. Avoid dust formation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges.

Hygiene measures : Keep good industrial hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Store in a dry, cool and well-ventilated place. Do not store near or with any of the incompatible materials listed in section 10. Bund storage facilities to prevent soil and water pollution in the event of spillage. Take precautionary measures against static discharge.

Incompatible materials : Oxidising agents.

Heat and ignition sources : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight.

Special rules on packaging : Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep in properly labelled containers.

Packaging materials : Keep only in the original container.

Germany

German storage class (LGK) : LGK 11 - Combustible solids

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Switzerland

Storage class (LK) : LK 11/13 - Solids

7.3. Specific end use(s)

For further information, please contact: (info.regulatoryppd@kaneka.be).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Kane Ace™ B28A, B29A, B660	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	10 mg/m ³ (inhalable dust)
	5 mg/m ³ (respirable dust)
Regulatory reference	Verordnungen BGBl. II 382/2020
Belgium - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (inhalable dust)
	3 mg/m ³ (respirable dust)
Regulatory reference	Ministère de l'Emploi et du Travail
Bulgaria - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (inhalable dust)
	4 mg/m ³ (respirable dust)
Regulatory reference	Ministry of Labour and Social Policy and Ministry of Health. Ordinance No 13 of 2003 on the protection of workers from risks related to exposure to chemical agents at work.
Denmark - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (inhalable dust)
	5 mg/m ³ (respirable dust)
Regulatory reference	Direktoratet for Arbejdstilsynet
Finland - Occupational Exposure Limits	
HTP (OEL TWA)	10 mg/m ³ (inhalable dust)
Regulatory reference	National Board of Labour Protection
France - Occupational Exposure Limits	
VME (OEL TWA)	4 mg/m ³ (inhalable dust)
	0,9 mg/m ³ (respirable dust)
Regulatory reference	Dust in premises with specific pollution (locaux à pollution spécifique) - regulatory concentration : Article R. 4222-10 du Code du travail modifié par Décret 2021-1763 du 23 décembre 2021

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Germany - Occupational Exposure Limits (TRGS 900)	
Occupational exposure limit value (mg/m ³) (TRGS900)	10 mg/m ³ (inhalable dust)
Occupational exposure limit value (ppm) (TRGS900)	0,2 mg/m ³ (respirable dust)
Regulatory reference	Bundesministerium für Arbeit und Soziales (BMAS)
Greece - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (inhalable dust)
	5 mg/m ³ (respirable dust)
Regulatory reference	Legislation for mining activities
Ireland - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (inhalable dust)
	4 mg/m ³ (respirable dust)
Regulatory reference	Code of Practice for the Safety, Health & Welfare at Work (CoP)
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	10 mg/m ³ (respirable dust)
Regulatory reference	Dėl Lietuvos higienos normos
Luxembourg - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (inhalable dust)
	6 mg/m ³ (respirable dust)
Regulatory reference	Bundesministerium für Arbeit
Malta - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (inhalable dust)
	4 mg/m ³ (respirable dust)
Regulatory reference	OHSA – www.ohsa.org.mt
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	10 mg/m ³ (inhalable dust)
	5 mg/m ³ (respirable dust)
Regulatory reference	Ministerie van Sociale Zaken en Werkgelegenheid - https://www.ser.nl/en/themes/OEL-Database/About-OEL
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	10 mg/m ³ (inhalable dust)
Regulatory reference	Regulation of the Minister of Labour and Social Policy
Portugal - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (inhalable dust)
	5 mg/m ³ (respirable dust)
Regulatory reference	Instituto Portuges da Qualidade, Hygiene & Safety at Workplace

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Romania - Occupational Exposure Limits	
OEL TWA	10 mg/m ³ (respirable dust)
Regulatory reference	Government Decision regarding workers' health surveillance.
Slovakia - Occupational Exposure Limits	
NPHV (OEL TWA)	10 mg/m ³ (inhalable dust)
Spain - Occupational Exposure Limits	
VLA-ED (OEL TWA)	10 mg/m ³ (inhalable dust)
	3 mg/m ³ (respirable dust)
Regulatory reference	Instrucciones de Técnicas Complementarias (ITC)
Sweden - Occupational Exposure Limits	
NGV (OEL TWA)	5 mg/m ³ (inhalable dust)
	2,5 mg/m ³ (respirable dust)
Regulatory reference	National Board of Occupational Safety and Health
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA)	10 mg/m ³ (inhalable dust)
	4 mg/m ³ (respirable dust)
Regulatory reference	Health & Safety Executive
Norway - Occupational Exposure Limits	
Grenseverdi (OEL TWA)	10 mg/m ³ (inhalable dust)
	5 mg/m ³ (respirable dust)
Regulatory reference	Direktoratet for Arbeidstilsynet
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA)	6 mg/m ³ (respirable dust)

8.1.2. Recommended monitoring procedures

Monitoring methods	
Monitoring methods	Personal air monitoring. Concentration measurement in air. Personal air monitoring. Room air monitoring.

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

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8.2. Exposure controls

Engineering measure(s)	: Provide adequate ventilation. Use only in area provided with appropriate exhaust ventilation. Apply measures to prevent dust explosions. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Organisational measures to prevent/limit releases, dispersion and exposure. See Section 7 for information on safe handling.
Personal protective equipment	: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hand protection	: Wear chemically resistant gloves (tested to EN374) . Suitable material: Impervious gloves, All types. Breakthrough time : refer to the recommendations of the supplier. Thickness of the glove material: Not determined. The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
Eye protection	: Use suitable eye protection (EN166): Safety glasses with side-shields
Body protection	: Wear suitable protective clothing. Overall. Chemical resistant safety shoes .
Respiratory protection	: Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment. Effective dust mask (EN 149). Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: P1 (EN 143)
Thermal hazard protection	: Not required for normal conditions of use. Use dedicated equipment.
Environmental exposure controls	: Avoid release to the environment. Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: white.
Appearance	: Powder.
Odour	: Slight. acrylic-like.
Odour threshold	: No data available
Melting / freezing point	: No data available
Freezing point	: Not available
Initial boiling point and boiling range	: Decomposes below the boiling point.
Flammability	: Not fulfilling criteria for hazard class "Flammable Solids".
Explosive properties	: Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidising properties	: Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: No data available
Auto-ignition temperature	: > 400 °C (VDI 2263)

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Decomposition temperature	: 200 °C (DTA 10°C/min, Aluminium Vessel)
pH	: 5 – 7 (1% Aqueous solution at room temperature.)
pH solution	: Not available
Kinematic viscosity	: No data available
Dynamic viscosity	: No data available
Solubility	: miscible with most organic solvents.
Partition coefficient n-octanol/water (Log Kow)	: No data available
Vapour pressure	: Negligible
Vapour pressure at 50°C	: Not available
Density	: 400 g/l Bulk density
Relative density	: +/- 1
Vapour density	: Negligible
Particle size	: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions. Reference to other sections: 10.4 & 10.5.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

Potential dust explosion hazard. No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid the build-up of electrostatic charge. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight. See Section 7 for information on safe handling.

10.5. Incompatible materials

Oxidising agents. See Section 7 for information on safe handling.

10.6. Hazardous decomposition products

Burning produces noxious and toxic fumes. Possible decomposition products are: Carbon oxides. Reference to other sections 5.2.

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SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

2,4-dimethyl-6-(1-methyl-pentadecyl)phenol (134701-20-5)

LD50/oral/rat	> 2000 mg/kg (Source: NICNAS)
LD50/dermal/rat	> 2000 mg/kg (Source: NICNAS)

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 5 – 7 (1% Aqueous solution at room temperature.)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 5 – 7 (1% Aqueous solution at room temperature.)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

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Kinematic viscosity	No data available
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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties	: The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605
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11.2.2. Other information

Other information	: Symptoms related to the physical, chemical and toxicological characteristics, For further information see section 4
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SECTION 12: Ecological information

12.1. Toxicity

Environmental properties	: 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)	: Harmful to aquatic life with long lasting effects.

2,4-dimethyl-6-(1-methyl-pentadecyl)phenol (134701-20-5)

LC50 - Fish [1]	> 7,19 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)
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12.2. Persistence and degradability

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Persistence and degradability	No additional information available.
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12.3. Bioaccumulative potential

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Partition coefficient n-octanol/water (Log Kow)	No data available
Bioaccumulative potential	No additional information available.

2,4-dimethyl-6-(1-methyl-pentadecyl)phenol (134701-20-5)

BCF - Fish [1]	(10 dimensionless (whole body w.w.))
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12.4. Mobility in soil

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Mobility in soil	No data available
Ecology - soil	Not applicable.

12.5. Results of PBT and vPvB assessment

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Results of PBT assessment	No data available
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12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties	: The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.
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12.7. Other adverse effects

Other adverse effects : No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Avoid release to the environment. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations.

European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : This material and its container must be disposed of as hazardous waste
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities
The following Waste Codes are only suggestions:
07 02 13 - waste plastic

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Special precautions for user : No data available

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

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- Inland waterway transport

Not applicable

- Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Code: IBC : No data available.

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)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(b)	2,4-dimethyl-6-(1-methyl-pentadecyl)phenol	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	2,4-dimethyl-6-(1-methyl-pentadecyl)phenol	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
78.	Kane Ace™ B28A, B29A, B660	Synthetic polymer microparticles according to the criteria for Annex XVII entry 78

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) 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 (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 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 (EC 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)

Detergent Regulation (648/2004/EC): Labelling of contents

15.1.2. National regulations

France

Installations classées			
No ICPE	Désignation de la rubrique	Code Régime	Rayon
na	Not Applicable	na	na

Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water.
Major Accidents Ordinance (12. BImSchV) : Is not subject to the Major Accidents Ordinance (12. BImSchV)
Technical Instructions on Air Quality Control (TA Luft) : 5.2.1 Total Dust, including Micro Dust.

Netherlands

Waterbezwaarlijkheid : A (3) - hazardous for aquatic organisms, may have longterm hazardous effects in aquatic environment
SZW-lijst van kankerverwekkende stoffen : The substance is not listed
SZW-lijst van mutagene stoffen : The substance is not listed
SZW-lijst van reprotoxische stoffen – Borstvoeding : The substance is not listed
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : The substance is not listed
SZW-lijst van reprotoxische stoffen – Ontwikkeling : The substance is not listed

15.2. Chemical safety assessment

Not required

SECTION 16: Other information

Indication of changes:

7.1	Precautions for safe handling	Update	
7.2	German storage class (LGK)	Added	
8.1.1.	National occupational exposure and biological limit values	Added	
15.1	EU-Regulations	Update	
15.1	TA Luft (Technical Instructions on Air Quality Control)	Added	

Abbreviations and acronyms:

	vPvB = very persistent and very bioaccumulating
	persistent, bioaccumulating and toxic (PBT).
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)
	NA = Not applicable



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	TWA = time weighted average
	TLV = Threshold limits
	STEL = Short term exposure limit
	ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC IATA = International Air Transport Association IMDG = International Maritime Dangerous Goods Code LEL = Lower Explosive Limit/Lower Explosion Limit UEL = Upper Explosion Limit/Upper Explosive Limit REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
	ABM = Algemene beoordelingsmethodiek
	Occupational Exposure Limits - Short Term Exposure Limits (STELs)
	BTT = Breakthrough time (maximum wearing time)
	DMEL = Derived Minimal Effect level
	DNEL = Derived No Effect Level
	EC50 = Median Effective Concentration
	EL50 = Median effective level
	ErC50 = EC50 in terms of reduction of growth rate
	ErL50 = EL50 in terms of reduction of growth rate
	EWC = European waste catalogue
	LC50 = Median lethal concentration
	LD50 = Median lethal dose
	LL50 = Median lethal level
	NOEC = No observed effect concentration
	NOEL: no-observed-effect level
	NOELR = No observed effect loading rate
	NOAEC = No observed adverse effect concentration
	NOAEL = No observed adverse effect level
	N.O.S. = Not Otherwise Specified
	PNEC = Predicted No Effect Concentration
	Quantitative structure-activity relationship (QSAR)
	STOT = Specific Target Organ Toxicity
	VOC = Volatile organic compounds

Sources of key data used to compile the : ECHA (European Chemicals Agency), Safety Data Sheet Producer. datasheet

Training advice : Training staff on good practice.

Full text of H- and EUH-statements:

Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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EUH208	Contains 2,4-dimethyl-6-(1-methyl-pentadecyl)phenol. May produce an allergic reaction.
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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

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