

ASACLEAN™ U

Version number: GHS 1.0

Date of compilation: 28.11.2019
Printed on: 28.11.2019**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name	ASACLEAN™ U
Registration number (REACH)	not relevant (mixture)
Article number	354385

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

Relevant identified uses	Manufacture of plastics products, including compounding and conversion
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1.3 Details of the supplier of the safety data sheet

IMCD Deutschland GmbH
Konrad-Adenauer-Ufer 41-45
50668 Köln
Germany

Telephone: +49 221 7765 0
Telefax: +49 221 7765 200
e-mail: sds@imcdgroup.com
Website: www.imcdgroup.com

1.4 Emergency telephone number

Emergency information service	+44 3700 492 795 (24h) Multilingual
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SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 (CLP)
This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)
Not required.

2.3 Other hazards

Results of PBT and vPvB assessment
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3: Composition/information on ingredients**3.1 Substances**

not relevant (mixture)

3.2 Mixtures

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General notes

In all cases of doubt, or when symptoms persist, seek medical advice.
In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing.
Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious).
Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures**5.1 Extinguishing media**

Suitable extinguishing media

water, foam, alcohol resistant foam, dry extinguishing powder, ABC-powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

carbon monoxide (CO), carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.
Co-ordinate firefighting measures to the fire surroundings.
Do not allow firefighting water to enter drains or water courses.
Collect contaminated firefighting water separately.
Fight fire with normal precautions from a reasonable distance.

Special protective equipment for firefighters

Wear self-contained breathing apparatus

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For non-emergency personnel

Remove persons to safety.
Ventilate affected area.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautionsKeep away from drains, surface and ground water.
Retain contaminated washing water and dispose of it.**6.3 Methods and material for containment and cleaning up**

Advice on how to contain a spill

covering of drains, take up mechanically

Advice on how to clean up a spill

Take up mechanically.

Other information relating to spills and releases

Place in appropriate containers for disposal.
Ventilate affected area.**6.4 Reference to other sections**Hazardous combustion products: see section 5.
Personal protective equipment: see section 8.
Incompatible materials: see section 10.
Disposal considerations: see section 13.**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Recommendations

- measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation.
Use only in well-ventilated areas.
Ground/bond container and receiving equipment.

- specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room.
The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

- handling of incompatible substances or mixtures

- keep away from

no information available

Advice on general occupational hygiene

Wash hands after use.
Do not eat, drink and smoke in work areas.**7.2 Conditions for safe storage, including any incompatibilities**

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- explosive atmospheres
Removal of dust deposits.
- specific designs for storage rooms or vessels
- packaging compatibilities
Keep only in original container.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****8.2 Exposure controls**Appropriate engineering controls
General ventilation.**Individual protection measures (personal protective equipment)**

Protective clothing for use against solid particulates.

Eye/face protection

Wear eye/face protection.

Skin protection

- hand protection
Wear protective gloves.
- other protection measures
Take recovery periods for skin regeneration.
Preventive skin protection (barrier creams/ointments) is recommended.
Wash hands thoroughly after handling.

Respiratory protection

[In case of inadequate ventilation] wear respiratory protection.

Environmental exposure controlsUse appropriate container to avoid environmental contamination.
Keep away from drains, surface and ground water.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state	solid (pellets)
Colour	white
Odour	no data available

Other safety parameters

pH (value)	not applicable
Melting point/freezing point	130 – 150 °C
Initial boiling point and boiling range	not determined
Flash point	>380 °C
Evaporation rate	not determined
Flammability (solid, gas)	non-combustible
Explosion limits of dust clouds	not determined
Vapour pressure	not determined
Density	not determined
Vapour density	this information is not available
Relative density	1.04 – 1.63 at 23 °C (air = 1)
Solubility(ies)	not determined
- water solubility	insoluble

Partition coefficient

- n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	not determined
Viscosity	not relevant (solid matter)
Explosive properties	none
Oxidising properties	none

9.2 Other information

of no significance

there is no additional information

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Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Test data are not available for the complete mixture.

Classification according to GHS (1272/2008/EC, CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.
Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.
Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.
Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.
Based on available data, the classification criteria are not met.

Carcinogenicity

Shall not be classified as carcinogenic.
Based on available data, the classification criteria are not met.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.
Based on available data, the classification criteria are not met.

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Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposureShall not be classified as a specific target organ toxicant (repeated exposure).
Based on available data, the classification criteria are not met.**Aspiration hazard**Shall not be classified as presenting an aspiration hazard.
Based on available data, the classification criteria are not met.**SECTION 12: Ecological information****12.1 Toxicity**Test data are not available for the complete mixture.
Shall not be classified as hazardous to the aquatic environment.**12.2 Persistence and degradability**

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Waste treatment-relevant information**

Dispose of contents/container to an authorized waste treatment facility.

Sewage disposal-relevant informationDo not empty into drains.
Avoid release to the environment. Refer to special instructions/safety data sheets.**Waste treatment of containers/packages**Completely emptied packages can be recycled.
Handle contaminated packages in the same way as the substance itself.**Remarks**Please consider the relevant national or regional provisions.
Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

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SECTION 14: Transport information

- 14.1 UN number** not subject to transport regulations
- 14.2 UN proper shipping name** not relevant
- 14.3 Transport hazard class(es)** none
- 14.4 Packing group** not assigned to a packing group
- 14.5 Environmental hazards**
- 14.6 Special precautions for user**
There is no additional information.
- 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**

Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG)

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR)

Not subject to ICAO-IATA.

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- 15.2 Chemical Safety Assessment**

SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
PBT	Persistent, Bioaccumulative and Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals

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Abbr.	Descriptions of used abbreviations
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN).
International Maritime Dangerous Goods Code (IMDG).
Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.
health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Disclaimer

This information is based upon the present state of our knowledge.
This SDS has been compiled and is solely intended for this product.