

Attends Barrier Spray Skin Protection

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Revision date: 25/10/2013

Supersedes: 02/07/2013

SDS NOT for BULK
industrial use

Version: 1.1

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

1.1. Product identifier

Product form : Mixture
Trade name : Attends Barrier Spray Skin Protection

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Prevention and managing of rash and skin irritation, and nappy rash in case of incontinence.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

OYSTERSHELL
Booiebos 24
9031 Drongen - Belgium
T +32 9 377 24 85 - F +32 9 377 96 80
info@oystershell.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
AUSTRIA	Vergiftungsinformationszentrale (Poisons Information Centre)	Allgemeines Krankenhaus Waehringer Geurtel 18-20 1090 Vienna	+43 1 406 43 43
BELGIUM	Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B - 1120 Brussels	+32 70 245 245
FRANCE	ORFILA	http://www.centres-antipoison.net	+33 (0)1 45 42 59 59
GERMANY	Berliner Betrieb für Zentrale Gesundheitliche Aufgaben Institut für Toxikologie, Klinische Toxikologie und Giftnotruf Berlin	Oranienburger Strasse 285 13437 Berlin	+49 30 19240
ITALY	Centro Antiveneni Ospedale Niguarda Ca' Granda	Piazza Ospedale Maggiore 3 20162 Milano	+39 02 6610 1029
NEDERLAND	Nationaal Vergiftigingen Informatie Centrum (Uitsluitend bestemd om artsen te informeren bij accidentele vergiftigingen)	Heidelberglaan 100 3584 CX Utrecht	+31 30 274 88 88
SPAIN	Servicio de Información Toxicológica Instituto Nacional de Toxicología, Departamento de Madrid	Calle Luis Cabrera 9 E-28002 Madrid	+34 91 562 04 20
SWITZERLAND	Centre Suisse d'Information Toxicologique Swiss Toxicological Information Centre	Freiestrasse 16 Postfach CH-8028 Zurich	145
	OYSTERSHELL	Booiebos 24, 9031 Drongen - Belgium	+32 9 377 24 85
PORTUGAL	Centro de Informação Antivenenos – Dra Arlinda Borges Instituto Nacional de Emergência Médica (INEM)	Rua Almirante Barroso, 36 1000-013 Lisboa	808 250 143 (for use only in Portugal), +351 21 330 3284

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

N; R51/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

Toxic to aquatic life with long lasting effects.

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2.2. Label elements

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

Hazard pictograms (CLP) :



GHS09

Signal word (CLP) :

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Hazard statements (CLP) :

H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP) :

P273 - Avoid release to the environment

P391 - Collect spillage

P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician

P102 - Keep out of reach of children

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Zinc oxide	(CAS No) 1314-13-2 (EC no) 215-222-5 (EC index no) 030-013-00-7	3 - 10	N; R50/53
Paraffin waxes and hydrocarbon waxes	(CAS No) 8002-74-2 (EC no) 232-315-6	< 10	Not classified
Microcrystalline cellulose	(CAS No) 9004-34-6 (EC no) 232-674-9	< 10	Not classified

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Zinc oxide	(CAS No) 1314-13-2 (EC no) 215-222-5 (EC index no) 030-013-00-7	3 - 10	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Paraffin waxes and hydrocarbon waxes	(CAS No) 8002-74-2 (EC no) 232-315-6	< 10	Not classified
Microcrystalline cellulose	(CAS No) 9004-34-6 (EC no) 232-674-9	< 10	Not classified

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air. If irritation persists, consult a doctor.

First-aid measures after skin contact : No need for first aid is anticipated. If skin irritation occurs, seek medical advice and attention.

First-aid measures after eye contact : Rinse with plenty of water immediately. If irritation persists, consult an eye specialist.

First-aid measures after ingestion : Never attempt to induce vomiting. Ask for medical advice.

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

No additional information available

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 : Water spray. Powder. Carbon dioxide (CO₂). Foam.

5.2. Special hazards arising from the substance or mixture

Fire hazard : During combustion : Toxic fumes may be released. Carbon oxides (CO and CO₂).

5.3. Advice for firefighters

Firefighting instructions : Do not dispose of fire-fighting water in the environment.

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Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Ensure adequate ventilation.

6.1.1. For non-emergency personnel

Emergency procedures : Do not attempt to take action without suitable protective equipment. Do not breathe vapours.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Contain the spilled material by bunding. Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

For containment : Liquid spill: take up in sand, earth, vermiculite. Put into a labelled container and provide safe disposal.

Methods for cleaning up : Wash contaminated area with large amounts of water.

Other information : Dispose of in accordance with relevant local regulations.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Do not breathe vapours.

Hygiene measures : Do not drink, eat or smoke in the workplace. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.

Storage conditions : Keep container tightly closed. Store in dry, well-ventilated area.

Packaging materials : Original packaging.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Zinc oxide (1314-13-2)		
Austria	MAK (mg/m ³)	5 mg/m ³
Belgium	Limit value (mg/m ³)	5 mg/m ³
Belgium	Short time value (mg/m ³)	10 mg/m ³
France	VME (mg/m ³)	10 mg/m ³ (Dust) 5 mg/m ³ (Fume)
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³
Spain	VLA-ED (mg/m ³)	2 mg/m ³
Spain	VLA-EC (ppm)	10 ppm
Switzerland	VLE (mg/m ³)	3 mg/m ³
Switzerland	VME (mg/m ³)	3 mg/m ³
Portugal	OEL TWA (mg/m ³)	2 mg/m ³
Portugal	OEL STEL (mg/m ³)	10 mg/m ³
Paraffin waxes and hydrocarbon waxes (8002-74-2)		
Belgium	Limit value (mg/m ³)	2 mg/m ³
France	VME (mg/m ³)	2 mg/m ³
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m ³)	2 mg/m ³
Switzerland	VME (mg/m ³)	2 mg/m ³
United Kingdom	WEL TWA (mg/m ³)	2 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	6 mg/m ³
Portugal	OEL TWA (mg/m ³)	2 mg/m ³

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Microcrystalline cellulose (9004-34-6)		
Belgium	Limit value (mg/m³)	10 mg/m³
France	VME (mg/m³)	10 mg/m³
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m³)	10 mg/m³
Switzerland	VME (mg/m³)	3 mg/m³
Portugal	OEL TWA (mg/m³)	10 mg/m³

8.2. Exposure controls

Appropriate engineering controls	: Use in a well-ventilated area.
Hand protection	: Not applicable
Eye protection	: Avoid eye contact with vapors, mists or spray.
Skin and body protection	: Not applicable.
Respiratory protection	: Avoid breathing of vapors, mists or spray. Under normal use respiratory protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous liquid.
Colour	: White.
Odour	: Mild.
Odour threshold	: No data available
pH	: No data available
pH solution	: 6,5 - 8,5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0,99 - 1,03
Solubility	: No data available
Log Pow	: Not applicable
Log Kow	: Not applicable
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

None to our knowledge.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

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10.6. Hazardous decomposition products

On combustion or on thermal decomposition (pyrolysis) releases : Carbon oxydes (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Zinc oxide (1314-13-2)	
LD50 oral rat	> 5000 mg/kg (OECD 401)
LC50 inhalation rat	> 5,7 mg/l/4h (Klimisch 1982)

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)

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)

Specific target organ toxicity (single exposure) : Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure) : Not classified (Based on available data, the classification criteria are not met)

Zinc oxide (1314-13-2)	
NOAEL (oral, rat, 90 days)	50 mg/kg bodyweight/day

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

Zinc oxide (1314-13-2)	
LC50 fish	1,1 mg/l/96h (Oncorhynchus mykiss)
ErC50 (algae)	170 mg/l/72h (Selenastrum capricornutum) (LISEC 1997)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

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Log Kow	Not applicable

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of in accordance with relevant local regulations. Incinerate at a licensed installation.

Additional information : The user's attention is drawn to the possible existence of specific European, national or local regulations regarding disposal.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA

14.1. UN number

UN-No : 3082

UN-No.(IATA) : 3082

UN-No. (IMDG) : 3082

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14.2. UN proper shipping name

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc oxide), 9, III, (E)

14.3. Transport hazard class(es)

Class (UN) : 9
Class (IATA) : 9
Class (IMDG) : 9
Hazard labels (UN) : 9



14.4. Packing group

Packing group (UN) : III
Packing group (IMDG) : III

14.5. Environmental hazards

Dangerous for the environment :



Other information : Dangerous for the environment.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 90
Classification code (UN) : M6
Orange plates :



Special provision (ADR) : 274, 335, 601
Transport category (ADR) : 3
Tunnel restriction code : E
Limited quantities (ADR) : 5L
Excepted quantities (ADR) : E1
EAC code : •3Z

14.6.2. Transport by sea

Ship Safety Act : Miscellaneous dangerous substances & articles
MFAG-No : 171

14.6.3. Air transport

Civil Aeronautics Law : Miscellaneous dangerous substances & articles
Instruction "cargo" (ICAO) : 310
Instruction "passenger & cargo" (ICAO) : 309

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions
Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Indication of changes:

9.1	pH solution	Modified	
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Data sources : SDS of suppliers.

Other information : This safety data sheet has been written in conformity with the Annex II of the Regulation (EC) 1907/2006 (REACH).

Full text of R-, H- and EUH-phrases::

Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
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
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
N	Dangerous for the environment

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product