

PULSAR® SUNSCREEN 20 STABILIZER

Version 1.0

SDS Number: 000000023221

Revision Date: 2017.11.28

SECTION 1. IDENTIFICATION

Product name : PULSAR® SUNSCREEN 20 STABILIZER

Product code : 000000023221

Manufacturer or supplier's details

Company : Arch Chemicals, Inc.
1200 Bluegrass Lakes Parkway
Alpharetta, GA
30004
United States of America (USA)

E-mail address : sds@lonza.com

Emergency telephone number : In case of emergency call CHEMTREC US: 1-800-424-9300,
CHEMTREC WORLD-WIDE: +1-703-527-3887.**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Skin irritation : Category 2

Eye irritation : Category 2B

Specific target organ toxicity -
single exposure : Category 3**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H315 Causes skin irritation.
H320 Causes eye irritation.
H335 May cause respiratory irritation.

Precautionary statements : **Prevention:**
P261 Avoid breathing vapours.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ protective clothing/ eye protection/
face protection.
Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment (see supplemental first aid instructions on
this label).
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at
rest in a position comfortable for breathing.
P312 Call a POISON CENTER/doctor if you feel unwell.

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P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Isocyanurate

Hazardous components

Chemical name	CAS-No.	Concentration (%)
1,3,5-Triazine-2,4,6-triol	108-80-5	95.00 - 100.00

SECTION 4. FIRST AID MEASURES**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Choose extinguishing media suitable for surrounding materials.

Specific hazards during firefighting : Material will not ignite or burn.
During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Further information : In case of fire, use normal fire-fighting equipment and the personal protective equipment recommended in Section 8 to include a NIOSH approved self-contained breathing apparatus.
Use water to cool containers.

SECTION 6. ACCIDENTAL RELEASE MEASURES**Environmental precautions**

Air : Keep people away from and upwind of spill/leak.
Water : If the product contaminates rivers and lakes or drains inform respective authorities.
Soil : Sweep up and shovel into suitable containers for disposal.
Avoid creating dust.

SECTION 7. HANDLING AND STORAGE

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| Advice on safe handling | : Do not take internally. Avoid contact with skin, eyes and clothing. Upon contact with skin or eyes, wash off with water. |
| Conditions for safe storage | : Store in a cool, dry and well ventilated place. Keep containers tightly closed when not in use. |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

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| Engineering measures | : Local exhaust ventilation or other engineering controls are normally required when handling or using this product to keep air-borne exposures below the TLV, PEL or other recommended exposure limit. |
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Personal protective equipment

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| Eye protection | : Use safety glasses with side shields. Emergency eyewash should be provided in the immediate work area. |
| Skin and body protection | : Impervious |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | : granules or powder |
| Colour | : white |
| Odour | : none |
| Odour Threshold | : no data available |
| pH | : ca. 5.0 |
| Melting point/freezing point | : 330 °C
Sublimes |
| Boiling point/boiling range | : no data available |
| Flash point | : no data available |
| Evaporation rate | : Nil |
| Flammability (solid, gas) | : Product is not known to be flammable, combustible, pyrophoric or explosive. |
| Upper explosion limit | : Not applicable |
| Lower explosion limit | : Not applicable |
| Vapour pressure | : no data available |

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Relative vapour density	: no data available
Relative density	: 1.768
Water solubility	: no data available
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Decomposition temperature	: no data available
Viscosity, dynamic	: no data available
Viscosity, kinematic	: no data available
Oxidizing properties	: no data available
Molecular weight	: 129.08 g/mol

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: High temperatures Contact with incompatible substances
Incompatible materials	: Oxidizing
Hazardous decomposition products	: Carbon monoxide, Carbon dioxide Oxides of nitrogen cyanic acid

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	: Skin, eyes, ingestion
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Acute toxicity

Acute oral toxicity (LD50)	: Believed to be > 5,000 mg/kg Species: Rat
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Acute dermal toxicity (LD50)	: Believed to be > 2,000 mg/kg Species: Rabbit
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Skin corrosion/irritation

Skin irritation	: Remarks: Skin irritation
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Serious eye damage/eye irritation

Eye irritation	: Remarks: May cause mild eye irritation.
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Respiratory or skin sensitisation

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Sensitisation	: Remarks: This material is not known or reported to be a skin or respiratory sensitizer.
Carcinogenicity	
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Other adverse effects

Ozone-Depletion Potential : Regulation: US. EPA Clean Air Act (CAA) Section 602 Ozone-Depleting Substances (40 CFR 82, Subpt. A, App A & B)
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : Practically non- toxic to fish and other aquatic organisms.
Practically non-toxic to wildlife and domestic animals.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : If this product becomes a waste, it DOES NOT meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D.

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SECTION 14. TRANSPORT INFORMATION**IATA** Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no

IMDG Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : Marine pollutant: no

ADR Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no

RID Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no

DOT Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no

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TDG : Not dangerous goods

UN number : Not applicable
Proper shipping name : Not applicable
Transport hazard class : Not applicable
Packing group : Not applicable
Environmental hazards : no

Special precautions for user : none

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable

SECTION 15. REGULATORY INFORMATION**TSCA list**

US. Toxic Substances Control Act : Listed

EPCRA - Emergency Planning and Community Right-to-Know Act**CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards

See above: SECTION 2. Hazard Identification-GHS Classification

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

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This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations**Massachusetts Right To Know**

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

No components are subject to the New Jersey Right to know act

New Jersey Right To Know

No components are subject to the New Jersey Right to know act

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16. OTHER INFORMATION

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Arch is a wholly-owned subsidiary of Lonza and continues to operate as Arch Chemicals, Inc.
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.