

Tonsil Optimum 230 FF

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Substance key: 000000897787

Revision Date: 03.06.2024

Version : 1 - 1 / RI

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1. PRODUCT AND COMPANY IDENTIFICATION

Trade name

Tonsil Optimum 230 FF

Material number: 323954

Substance name: Bleaching Earth

Recommended use:

Industry sector : Food industry

Supplier name/address/telephone no.:

PT Clariant Adsorbents Indonesia

Jln. Raya Narogong Km 14, Pangkalan 10,
Desa Limusnunggal, Cileungsi Bogor 16820 , Indonesia
Telephone : +62 21 29813997

Information about the substance/preparation

Product Safety : Telephone: +61 3 8562 3300
Facsimile: +61 3 8562 3333
e-mail: SDS.SEAP@clariant.com

Emergency telephone number: +65 3158 1074



Distributor

IMCD Australia Pty Ltd
Level 1,352 Wellington Road
3170 MULGRAVE
AUSTRALIA
Phone: +613 85443100
E-Mail: sds@imcd.com.au

24/7 Emergency telephone number:

1800 625 526 (toll -free number, access from
Australia only)

2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards which do not result in classification

Depending on the handling and use (grinding, drying, bagging), airborne respirable dust may be generated. Dust contains respirable crystalline silica. Prolonged and or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable dust should be monitored and controlled. The product should be handled using methods and techniques that minimize or eliminate dust generation. The product contains less than 0.1% w/w RCS (respirable crystalline silica) as determined by the SWERF method. The respirable crystalline silica content can be measured using the "Size-Weighted Respirable Fraction – SWERF" method. All details about the SWERF method is available at www.crystallinesilica.eu

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

No hazardous ingredients

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4. FIRST AID MEASURES

General advice	: No known delayed effects. Consult a physician for all exposures except for minor instances.
If inhaled	: Remove to fresh air immediately. Get medical attention immediately.
In case of skin contact	: Wash off immediately with soap and plenty of water.
In case of eye contact	: Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
If swallowed	: Clean mouth with water and drink afterwards plenty of water.
Most important symptoms and effects, both acute and delayed	: There are no acute and delayed symptoms and effects observed. No information available.
Notes to physician	: Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable extinguishing media	: The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray jet Dry powder Foam Carbon dioxide (CO ₂)
Unsuitable extinguishing media	: No restrictions
Specific hazards during firefighting	: The product is not flammable. Does not sustain combustion. No hazardous decomposition products are known.
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Special sliding risk through leaking of spilled product in connection with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release
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(dust).

Special sliding risk through leaking of spilled product in connection with water.

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up : Pick up and transfer to properly labelled containers.
If product is released from trucks in roads, place signposts and remove the spill using vacuum cleaning systems.

7. HANDLING AND STORAGE

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.
In case of insufficient ventilation, wear suitable respiratory equipment.
For personal protection see section 8.
Handle and open container with care.
If you require advice on safe handling techniques or specific uses, please contact your supplier or check the further information referred to in section 16.

Conditions for safe storage : Minimize airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.

Materials to avoid : No conditions to be specially mentioned.

Further information on storage stability : Stable under recommended storage conditions.

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

Contains no substances with occupational exposure limit values.

Engineering measures : Use ventilation adequate to keep exposures below recommended exposure limits. See the safety datasheet.

Personal protective equipment

Respiratory protection : Local ventilation to keep levels below established threshold values is recommended. In case of prolonged exposure to airborne dust concentrations, a suitable particle filter mask that complies with the requirements of national legislation is recommended, depending on the expected exposure levels.
Half mask with a particle filter P2 (EN 143)
Applicable national Regulations must be observed. Take note of the limitations regarding wear-time, in conjunction with the Regulations for the use of Respiratory Protective Equipment.

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Hand protection	
Remarks	: Use a high fat protective cream after cleaning skin. Wear suitable gloves.
Eye protection	: Do not wear contact lenses. Safety glasses with side-shields Ensure that eyewash stations and safety showers are close to the workstation location.
Skin and body protection	: Long sleeved clothing
Hygiene measures	: Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: powder
Colour	: grey
Odour	: none
pH	: < 4 (20 °C) Method: aqueous suspension
Melting point	: > 450 °C Method: EEC 84/449, A.1
Boiling point/boiling range	: not applicable (solid with a melting point > 450 °C)
Flash point	: Not applicable
Evaporation rate	: not applicable (solid with a melting point > 450 °C)
Flammability (solid, gas)	: does not ignite, Not expected to form explosive dust-air mixtures. Method: EU A.10
Self-ignition	: Method: 92/69/EEC, A.6. no relative self-ignition temperature below 400 °C
Burning number	: The product itself does not burn.
Upper explosion limit / upper flammability limit	: Not applicable
Lower explosion limit / Lower flammability limit	: non explosive (void of any chemical structures commonly associated with explosive properties)

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Vapour pressure	:	not applicable (solid with a melting point > 450 °C)
Relative vapour density	:	Not applicable
Density	:	2,6 g/cm ³
Bulk density	:	550 - 750 g/l
Solubility(ies)		
Water solubility	:	< 0,9 g/l soluble Method: Directive 84/449/EEC, A.6
Partition coefficient: n-octanol/water	:	Not applicable inorganic
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No decomposition if used as directed.
Viscosity		
Viscosity, dynamic	:	not applicable (solid with a melting point > 450 °C)
Viscosity, kinematic	:	Not applicable
Oxidizing properties	:	no oxidizing properties (Based on the chemical structure, the substance does not contain a surplus of oxygen or any structural groups known to be correlated with a tendency to react exothermally with combustible material)
Self-heating substances	:	The substance or mixture is not classified as self heating.
Dust explosion class	:	not capable of dust explosion
Metal corrosion rate	:	Not applicable
Particle size	:	< 0,2 mm

10. STABILITY AND REACTIVITY

Reactivity	:	Stable under recommended storage conditions.
Chemical stability	:	The product is chemically stable.
Possibility of hazardous reactions	:	None known.
Conditions to avoid	:	Forms slippery/greasy layers with water.
Incompatible materials	:	inert, not reactive Avoid storing together with materials that may be affected by dust.

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Hazardous decomposition : Not relevant products

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified due to lack of data.

Product:

Acute oral toxicity : Remarks: no data available

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

Skin corrosion/irritation

Not classified due to lack of data.

Product:

Remarks : no data available

Serious eye damage/eye irritation

Not classified due to lack of data.

Product:

Remarks : no data available

Respiratory or skin sensitisation

Skin sensitisation

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Product:

Remarks : no data available

Germ cell mutagenicity

Not classified due to lack of data.

Carcinogenicity

Not classified due to lack of data.

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Not classified due to lack of data.

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Aspiration toxicity

Not classified due to lack of data.

Experience with human exposure**Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

Further information**Product:**

Remarks : No data is available on the product itself.
Handle in accordance with good industrial hygiene and safety practice.

12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

Toxicity to fish : Remarks: no data available

Persistence and degradability**Product:**

Biodegradability : Remarks: no data available

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: no data available

Mobility in soil**Product:**

Distribution among environmental compartments : Remarks: no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Can be disposed of as solid waste in a suitable installation subject to the Environmental Protection (Duty of Care) Regulations.
Where possible recycling is preferred to disposal or incineration.

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Contaminated packaging : No specific requirements.

14. TRANSPORT INFORMATION

IATA	not restricted
IMDG	not restricted

15. REGULATORY INFORMATION

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

Minister of Industry Regulation No. 23/M-IND/PER/4/2013 concerning the Revision of Minister of Industry Regulation No. 87/M-IND/PER/9/2009 concerning Globally Harmonized System of Classification and Labelling of Chemicals.

Regulation of the Minister of Health No. 472 of 1996 on the Safeguarding of Substances Hazardous to Health

Hazardous substances that must be registered : Not applicable

Government Regulation No. 74 of 2001 on the Management of Hazardous and Toxic Substances

Hazardous substances approved for use : Not applicable

Prohibited substances : Not applicable

Restricted substances : Not applicable

16. OTHER INFORMATION

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Date format : yyyy/mm/dd

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing

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Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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