

SAFETY DATA SHEET

SDIC HONGFA 20-40 MESH

MAAC361

1. Identification of the substance/preparation and of the company/undertaking

Product name : SDIC HONGFA 20-40 MESH **Supplier** : Brenntag UK and Ireland
 Albion House
 Rawdon Park
 Green Lane
 Yeadon
 Leeds
 LS19 7XX

Chemical product name : Sodium Dichloroisocyanurate
 Dihydrate

EMERGENCY ONLY TELEPHONE NUMBER : (N.C.E.C. CULHAM) 01865 407333 **Telephone No.** : (0113) 3879200

Fax No. : (0113) 3879280

Molecular Mass : 255.98

2. Composition/information on ingredients

Substance/Preparation : Substance

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
1) Sodium Dichloroisocyanurate Dihydrate	51580-86-0	55		O, Xn, N	R8, R22, R31, R36/37, R50/53

* Occupational Exposure Limit(s), if available, are listed in Section 8

CAS No. 51580-86-0

3. Hazards identification

Physical/chemical Hazards : Contact with combustible material may cause fire.

Human health hazards : Harmful if swallowed.
 Contact with acids liberates toxic gas.
 Irritating to eyes and respiratory system.

Environmental hazards : Very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

4. First-aid measures

First-Aid measures

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention.

Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention.

Eye Contact : In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Obtain medical attention.

Effects and symptoms

Inhalation : Hazardous in case of inhalation (lung irritant). Overexposure by inhalation may cause respiratory irritation.

Ingestion : Harmful if swallowed.

Skin contact : Prolonged exposure may result in skin burns and ulcerations.

Eye Contact : Hazardous in case of eye contact (irritant).

5. Fire-fighting measures

Extinguishing Media

Suitable : Oxidizing Material
 Do not use water jet. Use flooding quantities of water. Avoid contact with organic materials.

Special fire-fighting procedures : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

Protection of fire-fighters : Be sure to use an approved/certified respirator or equivalent.

6. Accidental release measures

- Personal Precautions** : Splash goggles. Protective overalls/suit. Dust respirator. Boots. Gloves. If there is a significant airborne concentration then suitable breathing apparatus should be used to avoid inhalation of the product. Select appropriate protective clothing for the size of the spillage.
- Environmental precautions and cleanup methods** : Oxidizing Material
Stop leak if without risk. Avoid contact with a combustible material (wood, paper, oil, clothing, etc.). Keep substance damp using water spray. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Dispose of according to all federal, state and local applicable regulations.

7. Handling and storage

- Handling** : Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Empty containers may still contain significant residual amounts of the product. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.
- Storage** : Keep container tightly closed. Keep container in a cool, well-ventilated area. Separate from acids, alkalies, reducing agents and combustibles. Separate from acids, alkalis, reducing agents and combustibles. See NFPA 43A, Code for the Storage of liquid and Solid Oxidizers.
- Packaging materials**
- Recommended use** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
- Hygiene measures** : Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of day.
- Workplace Exposure Limits** : Not available.
- Personal protective equipment**
- Respiratory system** : Dust respirator. Be sure to use an approved/certified respirator or equivalent.
- Skin and body** : Overalls or Lab coat.
- Hands** : Chemical resistant gloves.
- Eyes** : Splash goggles.

9. Physical and chemical properties

- Physical state** : Solid. (Granular solid.)
- Colour** : White.
- Odour** : Stimulant
- Density** : 0.9 g/cm³
- Solubility** : Water: 25g/100g water
- pH** : 5.5 to 7 [Acidic.] (1% Water solvent)
- Flash point** : Not available.

10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to Avoid** : Avoid moisture.
- Materials to avoid** : Acids, alkalis, water

11. Toxicological information

- Local effects**
- Eye irritation** : Hazardous in case of eye contact (irritant).
- Acute toxicity** : LD50: Not available.
LC50: Not available.
May cause naupathia and shrtness of breath, cough.

12. Ecological information

Ecotoxicity : Very toxic to aquatic organisms. May cause long-term adverse effects in the environment.

13. Disposal considerations

Methods of disposal ; Waste of residues ; Contaminated packaging : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Classification : Not applicable.

14. Transport information

International transport regulations

UN : **UN number** 3077
UN : **Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
 (Sodium Dichloroisocyanurate Dihydrate)
UN : **Class** 9
UN : **Packing group** III
UN : **Label**



ADR/RID : **Class** 9
ADR/RID : **Hazard identification number** 90
IMDG : **Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
 (Sodium Dichloroisocyanurate Dihydrate)
IMDG : **Packing group** III
IATA : **Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
 (Sodium Dichloroisocyanurate Dihydrate)
IATA : **Packing group** III
IATA : **Additional Information** -

15. Regulatory information

EU Regulations

Hazard symbol(s) : 

Classification : Oxidizing, Harmful, Dangerous for the environment

Risk Phrases : R8- Contact with combustible material may cause fire.
 R22- Harmful if swallowed.
 R31- Contact with acids liberates toxic gas.
 R36/37- Irritating to eyes and respiratory system.
 R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases : S8- Keep container dry.
 S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S41- In case of fire and/or explosion do not breathe fumes.
 S60- This material and its container must be disposed of as hazardous waste.
 S61- Avoid release to the environment. Refer to special instructions/Safety data sheets.

Contains : - Sodium Dichloroisocyanurate Dihydrate

Product Use : Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.
 - Consumer applications.

16. Other information

HISTORY

Date of printing : 12/01/2009.
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Prepared by : Michael Hale / Alistair Hunter

Notice to Reader

SDIC HONGFA 20-40 MESH

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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