

**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue: 07.12.2018
1.2	13.12.2018	400001020022	Date of first issue: 20.01.2016

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : NOVACRON® BR. TURQUOISE EC-GN

**Manufacturer or supplier's details**

Company : Huntsman International (India) Pvt. Ltd.

Address : Hiranandani Business Park, Light Hall, 'B' Wing Saki Vihar  
Road, Chandivali, Andheri (East)  
Mumbai,  
400 072  
India

Telephone : +91 22 42875100

E-mail address : pehs\_te@huntsman.com

Emergency telephone number : Europe: +32 35751234  
Americas: +1 703 527 3887  
USA & Canada: 800 424 9300  
Africa: +32 35751234  
Asia & Pacific: +65 6336 6011  
China: +86 20 39377888  
+86 532 83889090  
India: + 91 22 42 87 5333

**Recommended use of the chemical and restrictions on use**

Recommended use : Textile dye

Restrictions on use : For industrial use only.

**2. HAZARDS IDENTIFICATION****GHS Classification**

Not a hazardous substance or mixture.

**GHS label elements**

Not a hazardous substance or mixture.

Precautionary statements : **Prevention:**  
Avoid ingestion, inhalation, skin and eye contact. Handle in accordance with good industrial hygiene practice and any legal requirements.  
**Response:**  
Not available  
**Storage:**  
Store in accordance with all local, regional, national and international regulations.

**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue:
1.2	13.12.2018	400001020022	07.12.2018
			Date of first issue: 20.01.2016

**Disposal:**

P501 Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other hazards which do not result in classification**

None known.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Chemical nature : Mixture

**Hazardous components**

No hazardous ingredients

**4. FIRST AID MEASURES**

General advice	: Treat symptomatically. Get medical attention if symptoms occur.
If inhaled	: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	: Wash with water and soap as a precaution.
In case of eye contact	: Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses. If eye irritation persists, consult a specialist.
If swallowed	: Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	: None known.
Protection of first-aiders	: First Aid responders should pay attention to self-protection and use the recommended protective clothing
Notes to physician	: Treat symptomatically.

**5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue:
1.2	13.12.2018	400001020022	07.12.2018
			Date of first issue: 20.01.2016

Unsuitable extinguishing media	: High volume water jet
Specific hazards during firefighting	: No information available.
Hazardous combustion products	: Sulphur oxides
Specific extinguishing methods	: No action shall be taken involving any personal risk or without suitable training. Standard procedure for chemical fires.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	: Avoid dust formation. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	: If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE**

Advice on protection against fire and explosion	: Provide appropriate exhaust ventilation at places where dust is formed.
Advice on safe handling	: For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Conditions for safe storage	: No special storage conditions required. Keep in properly labelled containers.
Materials to avoid	: For incompatible materials please refer to Section 10 of this SDS.
Further information on storage stability	: Keep in a dry place.

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

**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue:
1.2	13.12.2018	400001020022	07.12.2018
			Date of first issue: 20.01.2016

Contains no substances with occupational exposure limit values.

**Engineering measures** : No data is available on the product itself.

**Personal protective equipment**

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines

Filter type : Particulates type

Hand protection  
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Safety glasses with side-shields

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : General industrial hygiene practice.

---

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : powder

Colour : blue

Odour : odourless

Odour Threshold : No data is available on the product itself.

pH : 5 - 6 (25 °C)  
Concentration: 10 g/l

Melting point : > 250 °C

Boiling point : No data is available on the product itself.

Flash point : No data is available on the product itself.

Evaporation rate : No data is available on the product itself.

Flammability (solid, gas) : No data is available on the product itself.

Flammability (liquids) : No data is available on the product itself.

Upper explosion limit / Upper flammability limit : No data is available on the product itself.

Lower explosion limit / Lower flammability limit : No data is available on the product itself.

Vapour pressure : No data is available on the product itself.

**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue:
1.2	13.12.2018	400001020022	07.12.2018
			Date of first issue: 20.01.2016

Relative vapour density : No data is available on the product itself.

Relative density : No data is available on the product itself.

Density : 0.657 g/cm<sup>3</sup>  
Bulk density

Solubility(ies)  
Water solubility : 80 g/l (20 °C)

Solubility in other solvents : No data is available on the product itself.

Partition coefficient: n-octanol/water : No data is available on the product itself.

Auto-ignition temperature : No data is available on the product itself.

Decomposition temperature : 230 °C

Self-Accelerating decomposition temperature (SADT) : No data is available on the product itself.

Viscosity : No data is available on the product itself.

Explosive properties : No data is available on the product itself.

Oxidizing properties : No data is available on the product itself.

Particle size : No data is available on the product itself.

**10. STABILITY AND REACTIVITY**

Reactivity : No dangerous reaction known under conditions of normal use.  
Chemical stability : Stable under normal conditions.  
Possibility of hazardous reactions : Dust may form explosive mixture in air.  
No hazards to be specially mentioned.

Conditions to avoid : None known.

Incompatible materials : None known.

Hazardous decomposition products : Sulphur Oxides

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Acute oral toxicity : No data available

**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue: 07.12.2018
1.2	13.12.2018	400001020022	Date of first issue: 20.01.2016

Acute inhalation toxicity : No data available

Acute dermal toxicity : No data available

Acute toxicity (other routes of administration) : No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

Assessment: No data available

**Germ cell mutagenicity**

Genotoxicity in vitro : No data available

Genotoxicity in vivo : No data available

**Carcinogenicity**

No data available

Carcinogenicity - Assessment : No data available

**Reproductive toxicity**

Effects on fertility : No data available

Effects on foetal development : No data available

Reproductive toxicity - Assessment : No data available

**STOT - single exposure**

No data available

**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue: 07.12.2018
1.2	13.12.2018	400001020022	Date of first issue: 20.01.2016

**STOT - repeated exposure**

No data available

**Repeated dose toxicity**

No data available

Repeated dose toxicity - : No data available  
Assessment**Aspiration toxicity**

No data available

**Experience with human exposure**

General Information: No data available

Inhalation: No data available

Skin contact: No data available

Eye contact: No data available

Ingestion: No data available

**Toxicology, Metabolism, Distribution**

No data available

**Neurological effects**

No data available

**Further information**

Ingestion: No data available

**12. ECOLOGICAL INFORMATION****Ecotoxicity**Toxicity to fish - Product : LC50: > 100 mg/l  
Exposure time: 48 h

Toxicity to daphnia and other : No data available

**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue: 07.12.2018
1.2	13.12.2018	400001020022	Date of first issue: 20.01.2016

aquatic invertebrates

Toxicity to algae/aquatic plants : No data available

M-Factor (Acute aquatic toxicity) : No data available

Toxicity to fish (Chronic toxicity) : No data available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available

M-Factor (Chronic aquatic toxicity) : No data available

Toxicity to microorganisms - Product : IC50: > 300 mg/l  
Exposure time: 3 h

Toxicity to soil dwelling organisms : No data available

Plant toxicity : No data available

Sediment toxicity : No data available

Toxicity to terrestrial organisms : No data available

Ecotoxicology Assessment  
Acute aquatic toxicity : No data available

Chronic aquatic toxicity : No data available

Toxicity Data on Soil : No data available

Other organisms relevant to the environment : No data available

**Persistence and degradability**Biodegradability - Product : Result: Not readily biodegradable.  
Biodegradation: 10 - 20 %  
Exposure time: 28 d  
Method: OECD Test Guideline 302BBiochemical Oxygen Demand (BOD) - Product : 0 mgO<sub>2</sub>/g  
Incubation time: 5 dChemical Oxygen Demand (COD) - Product : 800 mgO<sub>2</sub>/g  
BOD/COD : No data available



**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue: 07.12.2018
1.2	13.12.2018	400001020022	Date of first issue: 20.01.2016

ThOD : No data available

BOD/ThOD : No data available

Dissolved organic carbon (DOC) : No data available

Physico-chemical removability : No data available

Stability in water : No data available

Photodegradation : No data available

Impact on Sewage Treatment : No data available

**Bioaccumulative potential**

Bioaccumulation : No data available

Partition coefficient: n-octanol/water : No data available

**Mobility in soil**

Mobility : No data available

Distribution among environmental compartments : No data available

Stability in soil : No data available

**Other adverse effects**

Environmental fate and pathways : No data available

Results of PBT and vPvB assessment : No data available

Endocrine disrupting potential : No data available

Adsorbed organic bound halogens (AOX) - Product : 0 %  
Ozone-Depletion Potential : No data available

Additional ecological information - Product : No data available

Global warming potential (GWP) : No data available

**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue: 07.12.2018
1.2	13.12.2018	400001020022	Date of first issue: 20.01.2016

**13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Dispose of as hazardous waste in compliance with local and national regulations.  
Dispose of contents/ container to an approved waste disposal plant.

**14. TRANSPORT INFORMATION****International Regulations****IATA**

Not regulated as dangerous goods

**IMDG**

Not regulated as dangerous goods

**Transport in bulk according to IMO instruments**

Not applicable for product as supplied.

**15. REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture****The components of this product are reported in the following inventories:**

CH INV	: The formulation contains substances listed on the Swiss Inventory
DSL	: All components of this product are on the Canadian DSL
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
TCSI	: On the inventory, or in compliance with the inventory
TSCA	: On the inventory, or in compliance with the inventory

**Inventories**

**NOVACRON® BR. TURQUOISE EC-GN**

Version	Revision Date:	SDS Number:	Date of last issue: 07.12.2018
1.2	13.12.2018	400001020022	Date of first issue: 20.01.2016

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

**16. OTHER INFORMATION**

Date format : dd.mm.yyyy

The information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

The trademarks above are the property of Huntsman Corporation or an affiliate thereof.

NO PERSON OR ORGANIZATION EXCEPT A DULY AUTHORIZED HUNTSMAN EMPLOYEE IS AUTHORIZED TO PROVIDE OR MAKE AVAILABLE DATA SHEETS FOR HUNTSMAN PRODUCTS. DATA SHEETS FROM UNAUTHORIZED SOURCES MAY CONTAIN INFORMATION THAT IS NO LONGER CURRENT OR ACCURATE.