



DMP4400350  
Product Identifier: Chlorbrite NF  
Revision Date: 05/20/2015

## SAFETY DATA SHEET

This SDS complies with 29 CFR 1910.1200 (Hazard Communication Standard)  
IMPORTANT: Read this SDS before handling & disposing of this product. Pass this information on to employees, customers, and users of this product.

### 1. Identification

#### 1.1. Product identifier

Product Identity	Chlorbrite NF
Alternate Names	Chlorbrite NF
Product Code	440-03

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

Intended use	Laundry Bleach
Application Method	See Label Instructions

#### 1.3. Details of the supplier of the safety data sheet

Company Name	Diamond Products Inc. 1216 Bozeman Ave. Helena, MT 59601
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#### Emergency

24 hour Emergency Telephone No.	Infotrac: 1 800-535-5053 Emergency: (406) 449-6570
Customer Service: Diamond Products Inc.	(406) 449-6570

### 2. Hazard(s) identification

#### 2.1. Classification of the substance or mixture

Acute Tox. 5;H303	May be harmful if swallowed. (Not adopted by US OSHA)
Skin Irrit. 2;H315	Causes skin irritation.
Eye Dam. 1;H318	Causes serious eye damage.
Aquatic Chronic 2;H411	Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

H303 May be harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H411 Toxic to aquatic life with long lasting effects.

**[Prevention]:**

P264 Wash thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P312 Call a POISON CENTER or doctor / physician if you feel unwell.

P332+313 If skin irritation occurs: Get medical advice / attention.

P362+364 Take off contaminated clothing and wash before reuse.

P391 Collect spillage.

**[Storage]:**

No GHS storage statements

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Sodium chloride CAS Number: 0007647-14-5	50 - 100	Not Classified	[1]
Conditioning Agent CAS Number: Proprietary	10 - 25	Not Classified	[1]
Chlorinating Agent CAS Number: Proprietary	10 - 25	Ox. Sol. 2;H272 Acute Tox. 4;H302 Eye Irrit. 2;H319 STOT SE 3;H335	[1]
Disodium metasilicate CAS Number: 0006834-92-0	1.0 - 10	Skin Corr. 1B;H314 STOT SE 3;H335	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

#### 4.1. Description of first aid measures

<b>General</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation</b>	Remove to fresh air. If dusts have been inhaled, seek medical attention immediately.
<b>Eyes</b>	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
<b>Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
<b>Ingestion</b>	Do NOT induce vomiting. Dilute product by giving large quantities of water or milk. Call your nearest poison control center for further action and seek medical attention immediately.

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

<b>Overview</b>	Inhalation: Dusts may cause severe burning and tissue damage to respiratory tract. Skin Contact: May cause severe irritation or burning of tissues. Eye Contact: Causes severe irritation or burning of tissue. Ingestion: Causes severe burning and tissue damage to mucous membranes of the mouth, throat, esophagus and stomach. Moderately toxic. Signs and Symptoms of Exposure: Burning and irritation in all areas of exposure. Medical Conditions Generally Aggravated by Exposure: Respiratory conditions See section 2 for further details.
<b>Eyes</b>	Causes serious eye irritation.
<b>Skin</b>	Causes skin irritation.
<b>Ingestion</b>	May be harmful if swallowed. (Not adopted by US OSHA)

## 5. Fire-fighting measures

#### 5.1. Extinguishing media

Deluge with water.

#### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Chlorine, cyanogen chloride, nitrogen trichloride, ammonia, carbon dioxide

#### 5.3. Advice for fire-fighters

Use NIOSH certified gas mask with canister for chlorine, or self-contained breathing apparatus.

**ERG Guide No.** ----

## 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

None

#### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

#### 6.3. Methods and material for containment and cleaning up

Sweep up and salvage all that can be salvaged, being certain to wear protective clothing. Neutralize any remaining spilled material with hydrogen peroxide 5%, sodium nitrate, sodium bisulfate or sodium thiosulfate, and flush to sewer.

Dispose of in accordance with local, state and federal regulations.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid skin contact.

See section 2 for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Ammonia, amines, ammonium compounds, reducing agents, oxidizable or combustible organics, strong oxidizers, acids, alkalis

Keep opened containers sealed to avoid absorption of moisture. Store in cool, dry area.

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

Laundry Bleach

## 8. Exposure controls and personal protection

### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
0006834-92-0	Disodium metasilicate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	ACHAN TLV/OSHA 2mg/m <sup>3</sup> PEL 2mg/m <sup>3</sup>
0007647-14-5	Sodium chloride	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Chlorinating Agent	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Conditioning Agent	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

**Carcinogen Data**

CAS No.	Ingredient	Source	Value
0006834-92-0	Disodium metasilicate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0007647-14-5	Sodium chloride	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Chlorinating Agent	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
Proprietary	Conditioning Agent	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

**8.2. Exposure controls****Respiratory**

Wear a dust mask if exposed to mists or dust.

**Eyes**

Use chemical goggles.

**Skin**

Safety boots and a rubber apron should be worn when handling this product. Wear plastic or rubber-coated gloves.

**Engineering Controls**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices**

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

<b>Appearance</b>	White crystalline Powder
<b>Odor</b>	Chlorine
<b>Odor threshold</b>	Not Measured
<b>pH</b>	1% solution: 7.5 - 9.0
<b>Melting point / freezing point</b>	Decomposes
<b>Initial boiling point and boiling range</b>	Not applicable
<b>Flash Point</b>	Non-flammable
<b>Evaporation rate (Ether = 1)</b>	Not available
<b>Flammability (solid, gas)</b>	Not Applicable
<b>Upper/lower flammability or explosive limits</b>	<b>Lower Explosive Limit:</b> Not applicable <b>Upper Explosive Limit:</b> Not applicable
<b>Vapor pressure (Pa)</b>	Not available
<b>Vapor Density</b>	Not available
<b>Specific Gravity</b>	1.26 g/cc
<b>Solubility in Water</b>	Soluble

<b>Partition coefficient n-octanol/water (Log Kow)</b>	Not Measured
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not available
<b>Viscosity (cSt)</b>	Not available
<b>VOC Content</b>	Not available

**9.2. Other information**

No other relevant information.

## 10. Stability and reactivity

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Open storage; excess heat, moisture; combinations with oxidizers or oxidizable materials

**10.5. Incompatible materials**

Ammonia, amines, ammonium compounds, reducing agents, oxidizable or combustible organics, strong oxidizers, acids, alkalis

**10.6. Hazardous decomposition products**

Chlorine, cyanogen chloride, nitrogen trichloride, ammonia, carbon dioxide

## 11. Toxicological information

**Acute toxicity**

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Sodium chloride - (7647-14-5)	3,550.00, Rat - Category: 5	10,000.00, Rabbit - Category: NA	No data available	No data available	No data available
Chlorinating Agent - (Proprietary)	1,420.00, Rat - Category: 4	No data available	No data available	No data available	No data available
Conditioning Agent - (Proprietary)	3,120.00, Rat - Category: 5	No data available	No data available	No data available	No data available
Disodium metasilicate - (6834-92-0)	1,153.00, Rat - Category: 4	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	5	May be harmful if swallowed. (Not adopted by US OSHA)
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	1	Causes serious eye damage.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

## 12. Ecological information

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Sodium chloride - (7647-14-5)	1,100.00, Freshwater Fish	3,310.00, Daphnia magna	Not Available
Chlorinating Agent - (Proprietary)	0.23, Lepomis macrochirus	0.15, Daphnia magna	Not Available
Conditioning Agent - (Proprietary)	Not Available	Not Available	Not Available
Disodium metasilicate - (6834-92-0)	210.00, Danio rerio	33.53, Ceriodaphnia dubia	400.00 (72 hr), Pseudokirchneriella subcapitata

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	<b>DOT Hazard Class:</b> Not Applicable	<b>IMDG:</b> Not Applicable <b>Sub Class:</b> Not Applicable	<b>Air Class:</b> Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: Yes ( Bleaching agent )		
14.6. Special precautions for user	No further information		

## 15. Regulatory information

<b>Regulatory Overview</b>	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
<b>Toxic Substance Control Act ( TSCA )</b>	All components of this material are either listed or exempt from listing on the TSCA Inventory.
<b>WHMIS Classification</b>	D2B E
<b>US EPA Tier II Hazards</b>	<p style="text-align: right;"><b>Fire:</b> No</p> <p style="text-align: right;"><b>Sudden Release of Pressure:</b> No</p> <p style="text-align: right;"><b>Reactive:</b> No</p> <p style="text-align: right;"><b>Immediate (Acute):</b> Yes</p> <p style="text-align: right;"><b>Delayed (Chronic):</b> No</p>

### EPCRA 311/312 Chemicals and RQs (lbs):

Conditioning agent ( 5,000.00)

### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

### Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.



**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

Chlorinating agent

**Pennsylvania RTK Substances (>1%):**

Chlorinating agent

Conditioning agent

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H272 May intensify fire; oxidizer.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

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