

**MATERIAL SAFETY DATA SHEET**  
**NIPAGUARD IPF**

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Substance key: 000000055875  
Version : 2 - 1 / USARevision Date: 12/05/2008  
Date of printing :12/17/2008**Section 01 - Product Information****Identification of the company:**Clariant Corporation  
4000 Monroe Road  
Charlotte, NC, 28205  
Telephone No.: +1 704-331-7000**Information of the substance/preparation:**

Product Safety 1-704-331-7710

**Emergency tel. number:** +1 800-424-9300 CHEMTREC**Trade name:****NIPAGUARD IPF****Synonyms:**

Product has no synonym.

**Primary product use:**

Cosmetics

**Chemical family:**

Glycolic preparation containing 3-Iodo-2-propynylbutyl carbamate

**Section 02 - Composition information on hazardous ingredients****Hazardous ingredients:**

Component	CAS-no. (Trade secret no.)	Concentration
Carbamic Acid, Butyl-,3-Iodo-2-Propynyl Ester	55406-53-6	10 %

**Section 03 - Hazards identification****Emergency overview:**Yellow liquid.  
Eye irritant.  
Very toxic to aquatic organisms.**Expected Route of entry:****Inhalation:**

May cause respiratory tract irritation upon inhalation of mist.

**Skin contact:**May cause mild skin irritation.  
The acute dermal toxicity of this product is greater than 1000 mg/kg. This product is not toxic by skin absorption.**Eye contact:**

May cause sensitization by skin contact.

**Ingestion:**

May cause severe irritation.

The acute oral toxicity of this material is between 500 and 5000 mg/kg. Relative to other materials, this material is classified as slightly toxic by ingestion.

**Skin absorption:**

yes

**Known effects on other illnesses:**

No known effects on other illnesses for this product.

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**Listed carcinogen:**

IARC: No  
NTP: No  
OSHA: No  
Other: No

**HMIS:**

Health: 2                      Flammability: 1                      Reactivity: 0                      Personal protection: D

**Section 04 - First aid measures****After inhalation:**

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

**After contact with skin:**

Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

**After contact with eyes:**

Immediately flush the eyes with large amounts of water, occasionally lifting the upper and lower eyelids, for at least 15 minutes. Seek medical attention immediately.

**After ingestion:**

If ingested, seek medical assistance immediately.

**Advice to doctor / Treatment:**

None known.

**Section 05 - Fire fighting measures**

**Flashpoint:** > 320 °F  
Method: closed cup

**Ignition temperature:** > 752 °F

**Hazardous combustion products:**

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)

**Extinguishing media:** water spray jet  
alcohol-resistant foam  
carbon dioxide  
dry powder

**Special fire fighting procedure:**

Wear positive pressure self-contained breathing apparatus (SCBA) and full protective equipment.

**Unusual fire and explosion hazards:** Emits toxic and corrosive fumes under fire conditions.

**Section 06 - Accidental release measures**

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**Steps to be taken in case of spill or leak:**

Wear proper protective equipment. Contain spill. Spills should be collected as a liquid or absorbed on suitable absorbent and placed in proper containers for disposal. Do not discharge into storm drains or the aquatic environment.

**Section 07 - Handling and storage****Advice on safe handling:**

Avoid getting on skin or in eyes when handling product.

**Further info on storage conditions:**

Keep containers closed.

**Section 08 - Exposure controls / personal protection**

No level has been established by OSHA, NIOSH, ACGIH.

<b>Respiratory protection:</b>	If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134
<b>Hand protection:</b>	Butyl Rubber, PVC Or Neoprene.
<b>Eye protection:</b>	Safety glasses or chemical splash goggles.
<b>Other protective equipment:</b>	Clothing suitable to prevent skin contact.
<b>Advice on system design:</b>	Local ventilation recommended - mechanical ventilation may be used.

**IDLH:**

Not Determined

**Section 09 - Physical and chemical properties**

<b>Form:</b>	Liquid
<b>Color:</b>	yellow
<b>Odor:</b>	sweetish
<b>Solubility in water:</b>	approx. 5 g/l (20 °C)

**Section 10 - Stability and reactivity**

<b>Thermal decomposition:</b>	150 °C (Heating rate:3 K/min) No decomposition if used as prescribed.
<b>Chemical stability:</b>	Stable.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to avoid:</b>	Strong oxidizing agents.

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**Acute oral toxicity:** LD50 > 2,000 mg/kg (rat)  
Method: evaluated

**Skin irritation:** Slightly irritating (rabbit)

**Eye irritation:** Strongly irritating (rabbit)

**Section 12 - Ecological information****Product information:**

**Biodegradation:** Data Of The Active Component, The product is biodegradable.

**Fish toxicity:** LC50 0.067 mg/l (96 h)  
The values mentioned are those of the active ingredient.

**Daphnia toxicity:** EC50 0.16 mg/l (Daphnia magna)

**Algae toxicity:** EC50 0.053 mg/l (Algae general)

**Section 13 - Disposal considerations****Waste disposal information:**

Recommended disposal is by incineration in approved facilities.

**RCRA hazardous waste:**

No -- Not as sold.

**Section 14 - Transport information**

**DOT** not restricted

**IATA**

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.  
Class: 9  
Packing group: III  
UN/ID number: UN 3082  
Primary risk: 9  
Remarks: Shipment permitted  
Hazard inducer(s): 3-Iodo-2-propynylbutyl carbamate

**IMDG**

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.  
Class: 9  
Packing group: III  
UN no.: UN 3082  
Primary risk: 9  
Hazard inducer(s): 3-Iodo-2-propynylbutyl carbamate  
EmS: F-A S-F

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All components of this product are listed on the TSCA Inventory. However, the primary use of this product is NOT subject to TSCA but rather to FDA and must comply with the FDA regulations.

**SARA (section 311/312):**

Reactive hazard: no  
Pressure hazard: no  
Fire hazard: no  
Immediate/acute: yes  
Delayed/chronic: no

**SARA 313 information:**

This product contains the chemical or chemicals listed below which are subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 ("SARA") and the requirements of 40 CFR Part 372:

Component	CAS-no. (Trade secret no.)	Concentration
Carbamic Acid, Butyl-,3-Iodo-2-Propynyl Ester	55406-53-6	10 %

**Clean Water Act:**

Contains no known priority pollutants at concentrations greater than 0.1%.

**Volatile organic compounds VOC:**

Remarks: Not Available

**FDA:**

This product is not registered with the FDA.

**Section 16 - Other information****Other precautions:**

None Known

**Label information:**

WARNING!

CAUSES SEVERE EYE IRRITATION THIS MATERIAL IS TOXIC TO AQUATIC ORGANISMS.

Avoid breathing fumes, vapors, mists or spray. Avoid contact with skin and eyes. Use with adequate ventilation and/or respiratory protection. Wash thoroughly after handling. Keep container closed when not in use.

Eye contact: flush with water for at least 15 minutes while holding eyelids open. Seek immediate medical attention. Skin contact: flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention. Wash clothing before reuse. Ingestion: seek medical attention immediately. Inhalation:

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remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and seek medical attention.

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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications. (R) and TM indicate trademarks of Clariant AG, its business partners or suppliers.