

Dutch Chemicals Inc.
11900 boul. St-Jean-Baptiste
Montreal (Quebec)
H1C 2J3

SODIUM HYPOCHLORITE 5,25 % (W/W) NORTH BRIGHT REGULAR BLEACH

MATERIAL SAFETY DATA SHEET

Date issued: September 2004

IN CASE OF EMERGENCY :
call your poison control center

For information : 1-888-526-7783

PRODUCT IDENTIFICATION:

Product name: North Bright REGULAR bleach
Chemical name: Sodium hypochlorite
Product use: Bleaching agent and disinfectant

HAZARDOUS INGREDIENTS:

Hazardous ingredient	%	ACGIH TLV	Cas N ^o
Sodium Hypochlorite	5,25 W/W	0,5 ppm (as Cl ₂)	7681-52-9

PHYSICAL PROPERTIES:

Appareance and Odour: Clear greenish yellow liquid with chlorine smell
Boiling Point (° C): Slowly decomposes at 40°C to NaCl and NaClO₃
Melting/Freezing point: ≈ - 5° C
Specific gravity: ≈ 1,08 g/ml
Evaporation point: Not available
Solubility: Miscible in all proportions in water
pH: ≈ 12,25

REACTIVITY DATA:

Stability: Unstable above 40°C, or in contact with metals or sunlight
Hazardous polymerization: Will not occur
Materials to Avoid: **Acids**, ammonia, oxidable materials, urea, most metals
Hazardous Decomposition or combustion Products: Chlorine gas when in contact with acids.

NORTH BRIGHT REGULAR SCENTED BLEACH

FIRE AND EXPLOSION DATA

Flammability: No
Flash point: Not applicable
Autoignition Temperature: Not applicable
Fire extinguishing media: Use appropriate media for surrounding fire.

TOXICOLOGICAL AND HEALTH DATA:

Route of entry: Skin contact, eye contact, inhalation and ingestion

Toxicological data:

Irritancy of material: Corrosive and irritant, risk of severe damages when eye contact
Effect of acute exposure: May cause discomfort, irritation, chemical burns

FIRST AID MEASURES:

Inhalation: Move victim to fresh air. Obtain medical attention if necessary
Skin contact: Flush area with water for 15 minutes. Obtain medical attention if necessary
Eye contact: Flush eye with running water for at least 15 minutes. Obtain medical attention **immediately**
Ingestion: Rinse mouth with water. Give ½ to 1 glass of water. **Do not** induce vomiting. Obtain medical attention **immediately**.

PREVENTIVES MEASURES:

Respiratory protection: Not necessary if area is well ventilated
Skin protection: Rubber gloves are recommended
Eye protection: Safety glasses are recommended
Engineering controls: Local exhaust ventilation
Storage temperature (°C): Between 0°C and 29°C, away from the sunlight
Handling procedures and equipments: Protect containers from damages. Avoid splashing.

ENVIRONMENTAL PROTECTION DATA:

Steps in the event of a spill or leak: Absorb and rince with water small leaks.
Waste disposal methods: Consult federal, provincial and local regulations.

REFERENCES:

SAX, N.I., Dangerous Properties of Industrial Materials.

PREPARED BY: **GROUPE LAVO (Research and Development).**