Bactallion Hypo

Sodium hypochlorite solution, concentration >12.5% active.

BACTALLION
REVITALISING
SOIL AND WATER

Product Snapshot

Sodium hypochlorite solution, concentration >12.5% active.

Hazards & First Aid

Corrosive; toxic by inhalation, ingestion or skin contact.
Heated: fumes/oxygen; may ignite combustibles; containers may rupture.
Acids: toxic chlorine gas. Metals: flammable hydrogen gas.

Hazard status	**Corrosive**
Solubility	**Completely soluble**
Physical form	**Liquid**

Composition & Reactivity

Chemical name — Sodium hypochlorite solution
Formula — NaOCl/NaOH
Chemical family — NaOCl/NaOH
Hazardous component — Sodium hypochlorite solution, 1.5% active
Avoid as boil-out liquid. Incompatible: ammonia, lime, methanol, oxidizable metals, acids, soaps and bisulfates.

Formula / family: NaOCl/NaOH.

Active	**>12.5%**
Chemical identity	**Sodium hypochlorite**
Hazard comp.	**NaOCl solution / 1.5% active**

Physical & Chemical Properties

Appearance — Colourless to green-yellow solution
Solubility — Completely soluble in water
Physical form — Liquid solution
Formula / chemical family — NaOCl/NaOH
Active concentration — >12.5% active
Hazardous component — Sodium hypochlorite solution, concentration 1.5% active
UN No. — 1791 ERG No. — 154 EAC — 60
Fire behaviour — Non-combustible; releases oxygen when heated

Appearance	**Colourless / green-yellow**
Formula / family	**NaOCl/NaOH**
Physical form	**Liquid**
UN / ERG / EAC	**1791 / 154 / 60**
Fire behaviour	**Non-combustible**
Concentration	**>12.5%**
Water solubility	**Complete**

Handling, Storage & Controls

Handling/storage: tightly closed; cool, dry, ventilated; protect from damage; isolate incompatibles. Controls: enclosure/local exhaust, non-sparking grounded ventilation outdoors, replacement air; shower/eyewash available. PPE: goggles/face shield, boots, impervious gloves, coveralls; respiratory protection where required. Spill: ventilate, isolate, keep unprotected people out; protective clothing/SCBA; contain/recover; absorb with vermiculite or dry sand. No sawdust; do not flush to sewer.

Fire, Spill & Transport

Fire: not a fire hazard; releases oxygen when heated. Use suitable means for surrounding fire; water spray cools containers; pressure may rupture containers. Transport: UN 1791; Class 8; IMDG PG II/III; Code 8177; marine pollutant Yes; subsidiary risks None; Tremcard 45/80G12. Avoid as boil-out liquid. Incompatible: ammonia, lime, methanol, oxidizable metals, acids, soaps, bisulfates.

Ecology, Toxicology & Disposal

Toxicology: skin/eye and pulmonary irritant; severe injury or death possible.

Ecology: no problems expected with due care; becomes less toxic with age.

Disposal: special waste; contact authorities or an approved disposal facility.

Regulatory & Document Control

Label / status Bactallion Hypo · Class 8 Corrosive

Risk phrases Contact with acids liberates toxic gas. Causes burns.

Safety phrases Keep out of reach of children. After contact with skin, wash immediately with plenty of water.

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