

Material Safety Datasheet

Company Details

Name BLYCHEM
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1.Product and Company Identification

Trade / Commercial Name Javel 5 %

2.Composition/ Information on Ingredients

Chemical Name Sodium Hypochlorite 5 % CAS No 7681-52-9

3. Hazards Identification

Skin contact may result in moderate irritation.
Contact could cause irritation to eyes.
Breathing high concentrations may cause coughing or sneezing.

4. First Aid Measures

First Aid Skin Wash off with water.
Remove clothing.
Shower thoroughly.
First Aid Eyes Flush eyes with water for 15 minutes.
Hold eyelids open while washing.
First Aid Ingested Do not induce vomiting.
First Aid Inhalation Remove from contaminated area.
Give oxygen.
CPR if indicated.

5. Fire Fighting Measures

LARGE FIRES: Water spray, fog or standard foam is recommended.
Move container from fire area if you can do it without risk.
Cool containers that are exposed to flames with water from the side until well after the fire is out.
Stay away from ends of tanks.
Keep unnecessary people away; isolate hazard area and deny entry.
Stay upwind; keep out of low areas.
Positive-pressure self-contained breathing apparatus (SCBA) and chemical protective clothing that is specifically recommended by the shipper or manufacturer may be worn. It will provide little or no thermal protection.
Structural firefighter's protective clothing is NOT effective with these materials.

6. Accidental Release Measures

Full protective clothing including breathing apparatus
Dilute (substance may be washed to drain with a lot of water)

PRECAUTIONS:

Restrict access to area.
Provide adequate protective equipment and ventilation.
Remove sources of heat and flame.
Notify occupational and environmental authorities.

SPILL OR LEAK:

Do not touch spilled material.
Stop leak if you can do it without risk.
Use water spray to reduce vapours.

SMALL SPILLS:

Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

LARGE SPILLS:

Dike liquid spill for later disposal

7. Handling And Storage

Separation of at least 3M from the following classes is recommended.

Flammable Liquids Flammable Solids

Spontaneously Combustibles Poison

Fire separation of at least 5M or 4Hr fire resistant wall
from the following classes is recommended.

Flammable Gases Dangerous When Wet

Oxidizing Agents Organic Peroxides

Storage in the same room or space is prohibited with the following classes:

The rooms or spaces should be at least 10M apart.

Explosives Radioactive

8. Exposure Controls/Personal Protection

Occupational Exposure Limits NA

Controls

The control measures appropriate for a particular worksite depend on how this material is used and on the extent of exposure.

The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release.

Use a non-sparking, grounded ventilation system separate from other exhaust ventilation systems. Exhaust directly to the outside.

Supply sufficient replacement air to make up for air removed.

Have a safety shower/eye wash fountain readily available in the immediate work area

Personal Protection

If engineering controls and work practices are not effective in controlling this material, then wear suitable personal protection equipment, including chemical safety goggles & face shield, boots, imperious gloves, coveralls, & respiratory protection.

Have appropriate equipment available for use in emergencies.

9. Physical & Chemical Properties

Yellow clear liquid

Miscible with water in all proportions..

Density: 1,04 to 1,10 g/cm³ at 25 C.

10. Stability And Reactivity

Conditions to Avoid

Risk of violent reaction.

Incompatible Materials

Reactivity: reacts violently with hydrogen peroxide, may cause explosion.

Other

11. Toxicological Information

Irritation data: eye, rabbit, 10 mg-moderate investigated as a tumorigen, mutagen.

12. Ecological Information

Product affects aquatic life.

13. Disposal Considerations

<u>Disposal Method Product</u>	There are no uniform EC regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.
<u>Disposal Method Packaging</u>	Disposal in accordance with local legal provisions.

14. Regulatory Information

<u>EEC Hazard Classification</u>	8
<u>Risk Phases</u>	Causes burns
<u>Safety Phases</u>	Keep out of reach of children In case of contact with eyes, rinse immediately with plenty of water and seek medical advise Never add water to this product
<u>National Legislation</u>	

15. Transport Information

UN Number: 1791 **UN Group:** Class 8 Group 2

16. Other Information

Reason for Alteration: General update.
The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properness of the product.

Date Prepared: Jan 2001

Date Revised: Sept 2011