



*Giải pháp chuyên nghiệp chống cấu cặn,  
ăn mòn lò hơi và hệ thống lạnh*

# CHEMICAL SAFETY DATA SHEET

## 1. IDENTIFICATION

PRODUCT NAME: **LTV O7209**

SUPPLIER: LONG TRUONG VU CO.,LTD.  
72 Phu Tho St, Ward 2, Dist 11, HCM city.  
TEL/FAX 08-39606325/39607256

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCES PRESENT	CAS NO	CONC
Sodium Hydroxide	1310-73-2	40 to 45%
Non hazardous ingredients		Make up to 100%

## 3. PHYSICAL AND CHEMICAL PROPERTIES

Form : Clear viscous liquid  
pH : As supplied 12.0-13.5  
Solubility (water) : Soluble  
Relative Density : 1.15 – 1.25

## 4. HAZARD IDENTIFICATION

Human

If ingested may burn the mouth and upper digestive tract.

Contact with eyes can cause severe irritation. If no washed out promptly, will injure the eye tissue and permanent may result.

May burn the skin within 3 minutes if not washed off.

Unlikely to cause damage to internal organs following skin contact.

It is likely that inhalation will be as route of exposure.

Safety

Not classified as “Dangerous” according to the criteria for safety.

Ecological

Readily biodegradable so unlikely to accumulate in the aquatic environment.

**CÔNG TY TNHH KỸ THUẬT - CÔNG NGHỆ - MÔI TRƯỜNG LONG TRƯỜNG VŨ**

Trụ sở chính: 72 Phú Thọ, Phường 2, Q.11, TP. Hồ Chí Minh

Nhà máy: Ấp Vàm, xã Thiện Tân, Vĩnh Cửu, Đồng Nai

• Hà Nội • Đà Nẵng • Quảng Ngãi • Đồng Nai • TP Hồ Chí Minh • Cần Thơ

ĐT: (84.8) 3960 6325 - 6293 3834 - FAX: (84.8) 3960 7256

Tel/Fax: (061)6 291 223

Website: [www.longtruongvu.com](http://www.longtruongvu.com)

E: [info@longtruongvu.com](mailto:info@longtruongvu.com)



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Discharge of large quantities into the aquatic environment may kill fish and other aquatic organisms.

## **5. FIRST AID MEASURES**

If ingested, wash out the mouth with water and give sips of cold water to soothe the affected parts. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical advice urgently.

In case of skin contact, immediately wash the skin with plenty of water, preferably under a shower, remove contaminated clothing while washing proceeds. Continue washing for at least 10 minutes. Seek medical attention if skin appears damaged. Launder clothing before reuse.

In cases of eye contact, immediately wash out the eye with plenty of water for at least 15 minutes holding the eye open. Seek medical attention urgently.

## **6. FIRE FIGHTING MEASURES**

Put out any fire with powder, foam and sand or water spray. Product is unlikely to support combustion as largely as inorganic based.

Avoid using large quantities of water.

In case of fire, self contained breathing apparatus should be worn.

## **7. ACCIDENTAL RELEASE**

Contain and collect spillage.

Absorb on to sand/ kieselguhr or other inert material.

Failure to contain a release must be notified to the local authority.

Wear impervious gloves/overalls and eye protection while cleaning up the spillage. May make floor very slippery.

## **8. HANDLING AND STORAGE**

Store in plastic or plastic lined, tightly closed containers. Avoid extremes of temperature.

Protect from frost.

Do not store close to acids.

Recommended maximum storage limit 2 years.

## **9. EXPOSURE CONTROL AND PERSONAL PROTECTION**

Avoid contact with eyes, skin clothes. Do not ingest.



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Working procedures should be designed to minimize worker exposure to this product.

Where this is not possible the following personal protective equipment should be provided.

Hand protection : Impervious gloves must be worn.  
Skin protection : Protective overalls and shoes/boots must be worn.  
Eye protection : Safety face shield must be worn.  
Respiratory : Not required

#### Protection

All personal protective equipment must comply with the appropriate EEC (CE) standards and should be maintained and stored to ensure continued suitability for use. Workers should be trained in the effective use and maintenance of the personal protective equipment provided.

#### Occupational exposure limits

Sodium hydroxide OESS 10minutes STEL 2mg/m<sup>3</sup> EH40/93

### 10. STABILITY AND REACTIVITY

May react exothermically with acids.

Decomposition can occur above 100degC after loss of any volatile components.

### 11. TOXICOLOGICAL INFORMATION

Harmful if swallowed. May burn the mouth and upper digestive tract.

May burn the skin within 3 minutes

May cause severe, possibly permanent eye damage.

### 12. ECOLOGICAL INFORMATION

This product is readily biodegradable.

Do not release into surface waters.

### 13. DISPOSAL INFORMATION

When disposing of waste or surplus materials avoid contact with the eye and skin.

Impervious gloves/overalls and a face shield must be worn.

Do not wash into the drains.

Do not mix with other waste materials.

Seek advice from the local waste authority or seek advice from Hydroventure.



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#### **14. TRANSPORT INFORMATION**

This product is classified as Dangerous for Transport and should be labeled :-

Transport Classification	UN No
Corrosive substance	UN No 1824

#### **15. REGULATORY INFORMATION**

This product has been assessed using the health and safety criteria laid down in the EEC Directives on the Control of Dangerous Substances and Preparations. It is found to be classified using the safety criteria but is classified as “Dangerous” according to the health Criteria and should be labeled:

Corrosive

R35 : Cause severe burns  
S24/25 : Avoid contact with skin and eyes.  
S36/37/39 : Wear suitable protective clothing gloves and eye/face protection.  
S28 : After contact with the skin, wash immediately with plenty of soap and water.  
S26 : In case of contact with eyes, rinse immediately with  
Plenty of water. Seek medical advice.

Chemicals to be reported on the label

Sodium Hydroxide

This safety data is accurate to the best of the knowledge of LONG TRUONG VU and is based on the information that is considered to be reliable. It is furnished without warranty.

#### **16. OTHER INFORMATION**

Please consult LONG TRUONG VU CO., LTD if further information is needed.

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