



## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**PRODUCT NAME:** Lead Sheet Cleaner

**USE:** A water liquid, designed to remove build up of deposits occurring over time on exposed lead sheet surfaces.

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	EC N°	CAS N°	CONTENTS	SYMBOL LETTERS	R PHRASE N°
Sodium metasilicate		10213-79-3	1-5%	Xi	R36/38
Non-hazardous ingredients			95-99%	NC	NC

## 3. HAZARDS IDENTIFICATION

**MAIN HAZARDS:** Sodium metasilicate is irritating to eyes and skin.

**OTHER HAZARDS:** After application to a lead surface, toxic lead salts may be present in the product. Prolonged exposure to lead salts may affect kidneys, blood, as well as reproductive, digestive and nervous systems.  
Where exposure to lead compounds is significant, medical examination prior to and after such exposure is a statutory requirement.

## 4 FIRST AID MEASURES

**INHALATION:** Move exposed person to fresh air at once. Get medical attention if irritation persists.

**INGESTION:** Do not induce vomiting. If person is conscious, rinse mouth thoroughly and encourage the drinking of large quantity of water. Get medical attention if irritation persists.

**SKIN CONTACT:** Remove all contaminated clothing and footwear immediately, unless it is stuck to the skin. Wash the affected skin immediately with soap and water. Get medical attention if irritation persists.

**EYE CONTACT:** Make sure that any contact lenses are removed from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Get medical attention immediately.

## 5. FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** The product is non-flammable.

**EXPOSURE HAZARDS:** No particular hazard will be present.

**PROTECTION OF FIRE-FIGHTERS** No special protection required.

## 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Avoid skin and eye contact (see Section 8).

**ENVIRONMENTAL PRECAUTION:** Collect used product and dispose of as special waste.

**CLEAN-UP PROCEDURES:** Absorb into vermiculite, dry earth or sand and dispose in accordance with local authority requirements.

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## 7. HANDLING AND STORAGE

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**HANDLING PRECAUTIONS:** Avoid skin or eye contact.  
Observe normal hygiene precautions when handling product prior to use.  
After use on leadwork, lead salts may be present in the deposit. Precautions in its handling and disposal should therefore be based on the toxic nature of these salts (see Section 13).

**STORAGE PRECAUTIONS:** Store in a cool, dry place. Keep out of reach of children.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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EXPOSURE LIMIT VALUES:	INGREDIENT	CAS N°	LTEL (8 hrs TWA)	STEL (15 min)
	Sodium metasilicate	10213-79-3	NC	NC

**VENTILATION:** No specific ventilation required.

**RESPIRATORY PROTECTION:** No specific respiration recommendations.

**HAND PROTECTION:** Wear gloves made of butyl rubber in cases of skin sensitivity and prolonged contact.

**EYE PROTECTION:** Use approved safety goggles or face shield.

**SKIN PROTECTION:** Observe good standards of personal hygiene. Wash at the end of each work period and before eating, drinking, using the toilet or smoking.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>APPEARANCE:</b>	Green opaque liquid	<b>ODOUR:</b>	Characteristic
<b>pH:</b>	11-12	<b>FLASH POINT:</b>	N/A
<b>RELATIVE DENSITY:</b>	1.09 @ 20°C	<b>SOLUBILITY (in water):</b>	Miscible with water.

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## 10 STABILITY AND REACTIVITY

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**STABILITY:** Stable under normal conditions. Stable at room temperature.

**CONDITIONS TO AVOID:** Avoid heat and sources of ignition.

**MATERIALS TO AVOID:** Avoid strong acids and oxidisers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Fire or high temperatures create oxides of carbon

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## 11. TOXICOLOGICAL INFORMATION

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**INHALATION:** May cause headache and nausea.

**INGESTION:** May cause stomach ache and nausea

**SKIN CONTACT:** May cause dryness and/or dermatitis

**EYE CONTACT:** May cause discomfort or irritation.

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## 12. ECOLOGICAL INFORMATION

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**MOBILITY:** Readily absorbed into soil. Soluble in water.

**PERSISTENCE AND DEGRADABILITY:** Not biodegradable.

**BIOACCUMULATIVE POTENTIAL:** Unlikely to bio-accumulate on the basis of water solubility.

**OTHER ADVERSE EFFECTS:** Possible harmful effect due to pH shift.

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## 13. DISPOSAL CONSIDERATIONS

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**WASTE FROM RESIDUES:** Dispose of unused material in accordance with local authority requirements. Dispose of used material as special waste.

**CONTAMINATED PACKAGING:** Dispose of any packaging contaminated with used material as special waste.

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**14. TRANSPORT INFORMATION:**

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Not classified as hazardous to transport

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**15. REGULATORY INFORMATION**

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**LABEL FOR SUPPLY:**

Xi: irritant

**RISK PHRASES:**

R36/38 Irritating to the eyes and skin.

**SAFETY PHRASES:**

S24 Avoid contact with skin.  
S25 Avoid contact with eyes

**STATUTORY INSTRUMENT:**

Chemicals (Hazards Information and Packaging) Regulations 2002; SI 2002/1689.

Control of Substances Hazardous to Health 1999; SI 1000/437.

**APPROVED CODES OF PRACTICE:**

Classification and Labelling of Substances and Preparations Dangerous for Supply.  
The Compilation of Safety Data Sheets (3<sup>rd</sup> Edition).

**GUIDANCE:**

Occupational Exposure Limits EH40.  
COSHH Essentials: Easy steps to control chemicals. Control of Substances Hazardous to Health Regulations; HSG193.  
CHIP for Everyone HSG108.

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**16. OTHER INFORMATION**

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**TEXT OF RISK PHRASES USED IN SECTION 2:**

R36/38 Irritating to the eyes and skin.

The contents of this Safety Data Sheet are not warranted to be accurate or complete and the Company can accept no liability to any customer, their employees or any other person whatsoever for any loss, injury or damage, whether direct or consequential, which may be caused by any error or omission from this sheet, whether such error or omission is negligent or otherwise.

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