

TSD  
040

# Material Safety Data Sheets

**Product Name: D8 - Suma Silver D8**



JohnsonDiversey  
Private Bag X037  
Wadeville 1422

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Function:** Silver Cleaner  
**Product Code:** 1D069000  
**Emergency Number:** 082-447-7288  
**Company Telephone No:** 011-871-9000

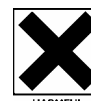
**Prepared By:** P. Young  
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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Range Limit	Hazard	Occupational Exposure	
			OES	STEL
Phosphoric acid	1-5%	Causes burns	2 mg/m <sup>3</sup>	15 min
Thiourea	5-15%	Possible risk of irreversible effects. Harmful if ingested.		
Ethoxylate	1-5%	Harmful if ingested. Irritating to eyes and skin.		
Sodium alkyl sulphonate	1-5%	Irritating to eyes and skin.		

STEL - Short Term Exposure Level  
TWA - 8 hours Time Weighted Average

## 3. HAZARDS IDENTIFICATION: **Harmful**



## 4. FIRST-AID MEASURES

**Eyes:** Wash immediately with copious amounts of water and obtain medical attention.

**Skin:** Wash skin thoroughly with water. Remove contaminated clothing. Obtain medical attention.

**Inhalation:** Remove from source of exposure. Obtain medical attention if symptoms develop.

**Ingestion:** Remove material from mouth. Drink 1 or 2 glasses of water (or milk). If large amounts swallowed or symptoms develop obtain medical attention.

## 5. FIRE-FIGHTING MEASURES

**Flammability:** Non flammable.

**Extinguishing Media:** Not classified as flammable but may burn in the event of a fire due to other causes. In this situation use water, water spray, carbon dioxide or dry powder extinguishers.

## 6. ACCIDENTAL RELEASE MEASURES

**Protection of Personnel:** Wear suitable gloves and eye/face protection.  
**Method of Disposal:** Hose away with plenty of water diluting to at least **0.5% w/v (5 g/litre)** unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down a wastewater drain (foul sewer) or absorb onto dry sand or similar material and dispose of to a licensed waste management company.

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## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin and eyes. Do not mix with any other chemicals, other than as advised by your JohnsonDiversey representative. Do not mix with chlorine release agents or sodium hypochlorite.  
**Storage:** Store upright in original closed containers in a cool place. Keep away from food, drink and animal feeding stuffs. Keep away from chlorine release agents and sodium hypochlorite.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Eyes:** Protection is normally only required in the event of a spillage or during product disposal, in which event use suitable eye/face protection.  
**Hand:** Use protective gloves made of rubber, neoprene or PVC.  
**Skin:** Wear normal workwear overalls or coat.  
**Respiration:** Personal protection is not normally required unless a risk assessment indicates the need for it.  
**OES/MEL:** Phosphoric acid – Causes burns.  
OES 2 mg/m<sup>3</sup> 15 min STEL

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear orange liquid.  
**Relative Density @ 20°C:** 1.013 ± 0.01

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## 10. STABILITY AND REACTIVITY

**Stability:** Keep away from heat.  
**Materials to avoid:** Keep away from chlorine release agents and sodium hypochlorite (i.e. bleach).

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## 11. TOXICOLOGICAL INFORMATION

**Eyes:** Can cause irritation.  
**Skin:** May be harmful.  
**Inhalation:** Can cause irritation.  
**Ingestion:** Unlikely to be harmful unless excessive amount ingested.

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## 12. ECOLOGICAL INFORMATION

Contains substances, which can affect the aquatic environment. Do not overdose or allow to contaminate ground water, ponds, ditches, waterways, or other surface waters.

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## 13. DISPOSAL CONSIDERATIONS

**Method of Disposal:** For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 0.5% w/v (5 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste management company.

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14. **TRANSPORT INFORMATION**

**Local Regulation:** Not regulated.

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15. **REGULATORY INFORMATION**

<b>Hazard Symbol:</b>	Xi; Harmful.
<b>Risk Phrases:</b>	R40 Possible risk of irreversible effects.
<b>Safety Phrases:</b>	S13 Keep away from food, drink and animal feeding stuffs.
	S23 Do not breathe fumes.
	S26 Avoid contact with eyes.
	S36/37 Wear suitable protective clothing and gloves.

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16. **OTHER INFORMATION**

Handle and apply only as recommended.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

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Revision No. : 4