

### SECTION 1: IDENTIFICATION OF CHEMICAL PRODUCT AND COMPANY

<b>1.1 Product identifier:</b>	<b>Electrical Parts Cleaner</b>
<b>1.2 Other means of identification</b>	
<b>Product Brand:</b>	SedoChem
<b>Product code:</b>	Sedo-F16
<b>Recommended use:</b>	Electrical parts cleaner
<b>Recommended restrictions:</b>	None known.
<b>1.3 Manufacturer/Importer/Supplier/Distributor information</b>	
<b>Distribute by (Company):</b>	Jaya Sukses Industries Sdn Bhd
<b>Address:</b>	17, Jalan Industri USJ1/4, Taman Perindustrian USJ 1, 47600 Selangor D.E.
<b>Telephone:</b>	+60 3 8023 6199
<b>Fax:</b>	+60 3 8023 5199
<b>Emergency telephone number:</b>	+60 3 8023 6199

### SECTION 2: HAZARDS IDENTIFICATION

- 2.1 OSHA/HCS Status :** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)  
Classification of the substance or mixture: **SERIOUS EYE DAMAGE / EYE IRRITATION – CATEGORY 2A**
- 2.2 GHS Label elements**  
Labeling according Regulation (EC) No 1272/2008  
Pictogra



Signal word	Warning
Hazard statement(s)	
H302	Harmful if swallowed.
H315	Causes mild skin irritations
H319	Causes serious eye irritation
Precautionary statement(s)	
P102	Keep out of reach children
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P305 + P351 + P338 -	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing	
P332 + P313	If skin irritation occurs: Get medical advice/attention
P220	Keep/Store away from clothing/ combustible materials.
P337 + P313	If eye irritation persists: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse
Supplemental Hazard Statements	none

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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### 3.1 Mixtures

	CAS#
Chlorinated hydrocarbon Mixture	Mixture

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## SECTION 4: FIRST AID MEASURES

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### 4.1 Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician. Ingestion Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician.

#### Skin Contact

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

#### Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

#### Note to Physician

Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning.

### 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available

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## SECTION 5: FIRE FIGHTING MEASURES

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### 5.1 Extinguishing media

Suitable extinguishing media:

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing:

None know

### 5.2 Special hazards arising from the:

No specific fire or explosion hazard chemical

Hazardous thermal decomposition:

No specific data

#### Products

### 5.3 Special protective actions for fire-fighters:

No special measures are required

Special protective equipment fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus for (SCBA) with a full face-piece operated in positive pressure mode

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### 6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see section 13.

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## SECTION 7: HANDLING AND STORAGE

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### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition

- No smoking. Keep away from heat and sources of ignition. For precautions see section 2.2.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 8.1 Control parameters

Components with workplace control parameters

**Airborne Exposure Limits:** OSHA Permissible Exposure Limit (PEL):100 ppm (TWA), 200 ppm (Ceiling), 300 ppm/5min/2hr (Max) ACGIH Threshold Limit Value (TLV):50 ppm (TWA) 100 ppm (STEL);listed as A5, not suspected as a human carcinogen.

**Ventilation System:** A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

**Personal Respirators (NIOSH Approved):** If the exposure limit is exceeded and engineering controls are not feasible, wear a supplied air, fullfacepiece respirator, airlined hood, or full-facepiece self-contained breathing apparatus. Breathing air quality must meet the requirements of the OSHA respiratory protection standard (29CFR1910.134). This substance has poor warning properties. Where respirators are required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning, maintenance, cartridge change schedules, etc.

**Skin Protection:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Neoprene is a recommended material for personal protective equipment.

**Eye Protection:** Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1 Information on basic physical and chemical properties

a) Appearance Form:	liquid
Colour:	Clear, colorless
b) Odour Characteristic	Odor
c) Odour Threshold	No data available
d) pH of 10% Solution	not applicable
e) Melting point/freezing point	-70°C
f) Initial boiling point and boiling range	90 °C
g) Flash point	Not applicable
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapor pressure	57.8 @ 20°C (68°F)
l) Volatiles	100
m) Relative density	4.5
n) Water solubility	completely miscible, soluble
o) Partition coefficient: n-octanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

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## SECTION 10: STABILITY AND REACTIVITY

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<b>10.1 Reactivity</b>	No data available
<b>10.2 Chemical stability</b>	Stable under recommended storage conditions.
<b>10.3 Possibility of hazardous reactions</b>	No data available
<b>10.4 Conditions to avoid</b>	No data available
<b>10.5 Incompatible materials</b>	Strong Oxidizing and acids
<b>10.6 Hazardous decomposition products</b>	Others decomposition products - No data available In the event of fire: see section

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### 11.1 Information on toxicological effects

Acute toxicity	Oral rat LD50: 5650mg/kg Investigated as a tumorigen, mutagen, reproductive effector
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	IARC: 2A - Group 2A: Probably carcinogenic to humans (Sodium nitrite)
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	RTECS: Not available

Absorption into the body leads to the formation of methemoglobin which in sufficient concentration causes cyanosis. Onset may be delayed 2 to 4 hours or longer, headache, nausea, incoordination. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Liver - Irregularities - Based on Human Evidence (Sodium nitrite)

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## SECTION 12: ECOLOGICAL INFORMATION

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12.1 Toxicity	No data available
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.
12.6 Other adverse effects	Harmful to aquatic life.

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## SECTION 13: DISPOSAL CONSIDERATION

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### 13.1 Waste treatment methods

#### Product

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

#### Contaminated packaging

Dispose of as unused product.

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## SECTION 14: TRANSPORT INFORMATION

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14.1 UN number	ADR/RID: 3077 IMDG: 3077 IATA: 3077
14.2 UN proper shipping name	ADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
14.3 Transport hazard class(es)	ADR/RID: 9 IMDG: 9 IATA: 9
14.4 Packaging group	ADR/RID: III IMDG: III IATA: III
14.5 Environmental hazards	ADR/RID: no IMDG Marine pollutant: no IATA: no
14.6 Special precautions for user	No data available

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## SECTION 15: REGULATORY INFORMATION

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This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

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## SECTION 16: OTHER INFORMATION

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	<u>Health</u>	<u>Fire</u>	<u>Reactivity P.P</u>
<b>NFPA CODE:</b>	2	1	0
<b>Precautionary Labels:</b>	Do not get in eyes, on skin, or on clothing. Do not breathe vapor. Keep container closed. Use only with adequateventilation.Wash thoroughly after handling. Keep away from heat and flame.		
<b>Label First Aid:</b>	If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to anunconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult,give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. In all cases call a physician. Note to physician: Do notadminister adrenaline or epinephrine to a victim of chlorinated solvent poisoning.		

**DISCLAIMER:** This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of this product.