

Material Safety Data Sheet

Acc. to ISO/DIS 11014

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Reviewed on 12/22/2008

1 Identification of Substance

- **Product details**
- **Trade name:** STRIPPING LIQUID
- **Article number:** 6070-201
- **Application of the substance / the preparation** Screen Reclaiming
- **Manufacturer/Supplier:**
SMILEY PRINTING SOLUTIONS CO.,LTD.
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- **Information department:** Technical Services Department

2 Composition/Data on Components

Chemical characterization

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

Trade Secret < 10 %

C; R 35

Danger: Corrosion 3.2/1A

Additional information: For the wording of the listed risk phrases refer to section 16.

3 Hazards Identification

Hazard description: Xi Irritant O Oxidizing

Information pertaining to particular dangers for man and environment: The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 8 Contact with combustible material may cause fire.

R 36/38 Irritating to eyes and skin.

Classification system: The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

NFPA ratings (scale 0 - 4)

Health = 1

Fire = 3

Reactivity = 0

The substance possesses oxidizing properties.

HMIS-ratings (scale 0 - 4)

Health = 1

Fire = 3

Reactivity = 0

GHS label elements

Corrosion Danger 3.2/1B - Causes severe skin burns and eye damage.

Prevention: Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest

in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Specific treatment (see label). If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

4 First Aid Measures

After inhalation: In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: If symptoms persist consult doctor.

5 Fire Fighting Measures

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Protective equipment: No special measures required.

6 Accidental Release Measures

Person-related safety precautions: Not required.

Measures for environmental protection: Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

7 Handling and Storage

Handling:

Information for safe handling: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Information about protection against explosions and fires: No special measures required.

Storage: Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep receptacle tightly sealed.

8 Exposure Controls and Personal Protection

Additional information about design of technical systems: No further data; see item 7.

Components with limit values that require monitoring at the workplace:

Trade Secret

PEL: 1 mg/m³

REL: 1 mg/m³

TLV: 0.2* mg/m³ *as thoracic fraction

Additional information: The lists that were valid during the creation were used as basis.

Personal protective equipment:

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Breathing equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands: Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

9 Physical and Chemical Properties

General Information

Form: Fluid

Color: According to product specification

Odor: Characteristic

Value/Range	Unit	Method
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Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100 ° C

Flash point: Not applicable.
Auto igniting: Product is not self igniting.
Danger of explosion: -
Vapor pressure: at 20 ° C 23 hPa
Density: Not determined.
Solubility in / Miscibility with Water: Fully miscible.
Solvent content:
Organic solvents: 0.0 %
Water: 75.3 %
Solids content: 24.7 %

10 Stability and Reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous reactions No dangerous reactions known.
Dangerous products of decomposition: No dangerous decomposition products known.

11 Toxicological Information

Acute toxicity:
Primary irritant effect:
On the skin: Irritant to skin and mucous membranes.
On the eye: Irritating effect.
Sensitization: No sensitizing effects known.
Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

12 Ecological Information

General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal Considerations

Product:
Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Uncleaned packagings:
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport Information

DOT regulations:
Hazard class: 8
Identification number: UN1760
Packing group: II
Proper shipping name (technical name): CORROSIVE LIQUID, N.O.S. (SULPHURIC ACID)
Label: 8

Land transport ADR/RID (cross-border):
ADR/RID class: 8 Corrosive substances
Danger code (Kemler): 80
UN-Number: 1760
Packaging group: II
Description of goods: 1760 CORROSIVE LIQUID, N.O.S. (SULPHURIC ACID)

Maritime transport IMDG:
IMDG Class: 8
UN Number: 1760
Label: 8
Packaging group: II
EMS Number: F-A,S-B
Marine pollutant: No
Proper shipping name: CORROSIVE LIQUID, N.O.S. (SULPHURIC ACID)

Air transport ICAO-TI and IATA-DGR:
ICAO/IATA Class: 8
UN/ID Number: 1760
Label: 8
Packaging group: II
Proper shipping name: CORROSIVE LIQUID, N.O.S. (SULPHURIC ACID)
UN "Model Regulation": UN1760, CORROSIVE LIQUID, N.O.S., 8, II

15 Regulations

Sara

Section 355 (extremely hazardous substances):

Trade Secret

Section 313 (Specific toxic chemical listings):

Trade Secret

TSCA (Toxic Substances Control Act): All ingredients are listed.

Proposition 65

Chemicals known to cause cancer: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.

Chemicals known to cause developmental toxicity: None of the ingredients is listed.

Carcinogenicity categories

EPA (Environmental Protection Agency) None of the ingredients is listed.

IARC (International Agency for Research on Cancer)

Trade Secret: 1

NTP (National Toxicology Program)

Trade Secret: K

TLV (Threshold Limit Value established by ACGIH)

Trade Secret: A2

MAK (German Maximum Workplace Concentration)

Trade Secret: 4

NIOSH-Ca (National Institute for Occupational Safety and Health) None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration) None of the ingredients is listed.

Product related hazard informations: The product has been classified and marked in accordance with directives on hazardous materials.

Hazard symbols:

Xi Irritant

O Oxidizing

Risk phrases:

8 Contact with combustible material may cause fire.

36/38 Irritating to eyes and skin.

Safety phrases:

17 Keep away from combustible material.

23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

60 This material and its container must be disposed of as hazardous waste.

National regulations:

Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: Technical Services

Contact: Mr. K. Medhi

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

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