Printing date 09/02/2015 Reviewed on 09/02/2015

1 Identification

· Product identifier

· Trade name: Stripper

· Article number: No other identifiers

· Recommended use and restriction on use

· Recommended use: Paint remover

· Restrictions on use: Contact manufacturer.

· Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier: TESCO PRODUCTS, INC. 25601 Avenue Stanford Valencia, CA 91355 USA Tel 661-257-0153

· Emergency telephone number:

ChemTel Inc.

(800)255-3924, +1 (813)248-0585

2 Hazard(s) identification

· Classification of the substance or mixture



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Repr. 2 H361 Suspected of damaging fertility or the unborn child. Route of exposure:

Inhalation.

STOT RE 2 H373 May cause damage to the central nervous system through prolonged or

repeated exposure. Route of exposure: Inhalation.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Eye Irrit. 2B H320 Causes eye irritation.

· Additional information:

Repeated exposure may cause skin dryness or cracking.

There are no other hazards not otherwise classified that have been identified.

0 percent of the mixture consists of ingredient(s) of unknown toxicity.

- · Label elements
- · GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

(Cont'd. on page 2)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

· Hazard pictograms:

(Cont'd. of page 1)







GHS02 GHS07 GHS08

· Signal word: Danger

· Hazard-determining components of labeling:

toluene

1-methoxy-2-propanol **Hazard statements:**

Highly flammable liquid and vapor. H225 H315+H320 Causes skin and eye irritation.

Suspected of damaging fertility or the unborn child. Route of exposure: Inhalation. H361

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

May cause damage to the central nervous system through prolonged or repeated exposure. H373

Route of exposure: Inhalation.

H304 May be fatal if swallowed and enters airways.

· Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat, sparks, open flames, and hot surfaces. - No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P260 Do not breathe mist/vapors/spray. P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection.

P240 Ground/bond container and receiving equipment.

Keep container tightly closed. P233 P242 Use only non-sparking tools.

Take precautionary measures against static discharge. P243

P271 Use only outdoors or in a well-ventilated area.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P370+P378 In case of fire: Use foam, powder, or carbon dioxide for extinction.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing.

P331 Do NOT induce vomiting.

IF exposed or concerned: Get medical advice/attention. P308+P313 Take off contaminated clothing and wash it before reuse. P362+P364

P405 Store locked up.

P403+P235 Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international P501

regulations.

(Cont'd. on page 3)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 2)

- · Classification system
- · NFPA ratings (scale 0 4)



Health = 2 Fire = 3 Reactivity = 0

· HMIS-ratings (scale 0 - 4)



- * Indicates a long term health hazard from repeated or prolonged exposures.
- · Other hazards
- · Results of PBT and vPvB assessment:
- · **PBT:** Not applicable.
- · **vPvB:** Not applicable.

3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description: Mixture of the substances listed below with nonhazardous additions.

| · Dangerous components: | | | |
|---|---------|--|--|
| 108-88-3 toluene | 50-100% | | |
| Flam. Liq. 2, H225 Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304 Skin Irrit. 2, H315; STOT SE 3, H336 Eye Irrit. 2B, H320 | | | |
| 107-98-2 1-methoxy-2-propanol | 25-50% | | |
| Flam. Liq. 3, H226 STOT SE 3, H336 | | | |

· Additional information:

For the listed ingredient(s), the identity and exact percentage(s) are being withheld as a trade secret.

4 First-aid measures

- · Description of first aid measures
- · General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take affected persons out into the fresh air.

· After inhalation:

Supply fresh air; consult doctor in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

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

(Cont'd. on page 4)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 3)

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

· After eye contact:

Remove contact lenses if worn.

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

· After swallowing:

A person vomiting while lying on their back should be turned onto their side.

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

· Information for doctor

· Most important symptoms and effects, both acute and delayed:

Breathing difficulty

Dizziness

Coughing

Irritating to eyes, respiratory system and skin.

Gastric or intestinal disorders when ingested.

Nausea in case of ingestion.

Disorientation

Danger:

Danger of pulmonary edema.

Danger of impaired breathing.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

May be harmful if inhaled.

Danger of disturbed cardiac rhythm.

May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation.

Suspected of damaging fertility or the unborn child. Route of exposure: Inhalation.

Indication of any immediate medical attention and special treatment needed:

If swallowed, gastric irrigation with added, activated carbon.

Do not administer preparations of the adrenalin-ephedrine-group.

If swallowed or in case of vomiting, danger of entering the lungs.

Medical supervision for at least 48 hours.

If necessary oxygen respiration treatment.

Later observation for pneumonia and pulmonary edema.

If medical advice is needed, have product container or label at hand.

5 Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents:

Foam

Fire-extinguishing powder

Gaseous extinguishing agents

Carbon dioxide

Water fog / haze

· For safety reasons unsuitable extinguishing agents: Water stream.

(Cont'd. on page 5)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 4)

Special hazards arising from the substance or mixture

Highly flammable liquid and vapor.

Formation of toxic gases is possible during heating or in case of fire.

- · Advice for firefighters
- · Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information:

Eliminate all ignition sources if safe to do so.

Cool endangered receptacles with water fog.

Use large quantities of foam as it is partially destroyed by the product.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures:

Use respiratory protective device against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

Keep away from ignition sources.

Protect from heat.

- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- · Methods and material for containment and cleaning up:

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).

Dispose contaminated material as waste according to item 13.

Do not flush with water or aqueous cleansing agents

Send for recovery or disposal in suitable receptacles.

· Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- · Handling
- · Precautions for safe handling:

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Take note of emission threshold.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Highly flammable liquid and vapor.

Flammable gas-air mixtures may be formed in empty receptacles.

Fumes can combine with air to form an explosive mixture.

(Cont'd. on page 6)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 5)

- · Conditions for safe storage, including any incompatibilities
- Storage
- Requirements to be met by storerooms and receptacles:

Store in a cool location.

Provide ventilation for receptacles.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidizing agents.

- · Further information about storage conditions: Keep containers tightly sealed.
- · Specific end use(s): No relevant information available.

8 Exposure controls/personal protection

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

| · Components with limit values that require monitoring at the workplace: | | |
|--|---|--|
| 108-88-3 toluer | ne | |
| PEL (USA) | Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift | |
| REL (USA) | Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm | |
| TLV (USA) | Long-term value: 75 mg/m³, 20 ppm BEI | |
| EL (Canada) | Long-term value: 20 ppm R | |
| EV (Canada) | Long-term value: 20 ppm | |
| LMPE (Mexico) | Long-term value: 20 ppm A4, IBE | |
| 107-98-2 1-methoxy-2-propanol | | |
| REL (USA) | Short-term value: 540 mg/m³, 150 ppm Long-term value: 360 mg/m³, 100 ppm | |
| TLV (USA) | Short-term value: 369 mg/m³, 100 ppm Long-term value: 184 mg/m³, 50 ppm | |
| EL (Canada) | Short-term value: 75 ppm Long-term value: 50 ppm | |
| EV (Canada) | Short-term value: 550 mg/m³, 150 ppm Long-term value: 365 mg/m³, 100 ppm | |
| LMPE (Mexico) | Short-term value: 150 ppm Long-term value: 100 ppm | |
| | (Cont'd. on page 7) | |

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 6)

Ingredients with biological limit values:

108-88-3 toluene

BEI (USA) 0.02 mg/L

Medium: blood

Time: prior to last shift of workweek

Parameter: Toluene

0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene

0.3 mg/g creatinine Medium: urine Time: end of shift

Parameter: o-Cresol with hydrolysis (background)

- · Additional information: No relevant information available.
- · Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Pregnant women should strictly avoid inhalation or ingestion.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

· Engineering controls:

Provide adequate ventilation.

Take precautionary measures against static discharge.

Breathing equipment:



Respiratory protection required.

NIOSH or EN approved organic vapor respirator equipped with a dust/mist prefilter should be used.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection:



Safety glasses

- · Body protection: Solvent resistant protective clothing
- · Limitation and supervision of exposure into the environment No relevant information available.

(Cont'd. on page 8)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 7)

· Risk management measures No relevant information available.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General information

· Appearance:

Form:
Color:
Colorless
Odor:
Odor threshold:

PH-value:

Liquid
Colorless
Characteristic
Not determined.

· Change in condition:

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 110-123 °C (230-253 °F)

Flash point: 7 °C (45 °F)
 Flammability (solid, gaseous): Not applicable.
 Auto-ignition temperature: >260 °C (>500 °F)
 Decomposition temperature: Not determined.

· **Auto igniting:** Product is not self-igniting.

• Danger of explosion: Product is not explosive. However, formation of explosive air/

vapor mixtures are possible.

· Explosion limits:

Lower: 1.6 Vol %
Upper: 20.0 Vol %
Oxidizing properties Not determined.

· Vapor pressure at 20 °C (68 °F): 17.8 mm Hg

• **Density at 15.5 °C (60 °F):** 0.89 g/cm³ (7.427 lbs/gal)

Relative density:
 Vapor density at 20 °C (68 °F):
 Evaporation rate:
 Not determined.
 3.1 (Air = 1.0)
 Not determined.

· Solubility in / Miscibility with:

Water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined.

· Viscosity:

Dynamic: Not determined.

(Cont'd. on page 9)

(Cont'd. of page 8)

Safety Data Sheet acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

Kinematic:

Not determined.

Other information VOC'S (>0.44 lbs/in²):

65.7 Vol. % / 583.6 g/l / 4.861 lbs/gal

Total VOC'S (TVOC):

100.0 Vol. % / 887.8 g/l / 7.395 lbs/gal

Non-exempt VOC'S (CVOC):

100.0 Vol. % / 887.8 g/l / 7.395 lbs/gal

10 Stability and reactivity

- · Reactivity: No relevant information available.
- · Chemical stability:
- · Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

Possibility of hazardous reactions:

Highly flammable liquid and vapor.

Can react violently with oxygen rich (oxidizing) material. Danger of Explosion.

Used empty containers may contain product gases which form explosive mixtures with air.

Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.

Toxic fumes may be released if heated above the decomposition point.

Conditions to avoid:

Keep ignition sources away - Do not smoke.

Store away from oxidizing agents.

- · Incompatible materials: No relevant information available.
- · Hazardous decomposition products:

Under fire conditions only:

Carbon monoxide and carbon dioxide

11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

| LD/LC50 values that are relevant for classification: |
|--|
| 108-88-3 toluono |

108-88-3 toluene

| Oral | LD50 | 5000 mg/kg (rat) |
|------------|---------|----------------------|
| | | 12124 mg/kg (rabbit) |
| Inhalative | LC50/4h | 5320 mg/l (mouse) |

- · 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:

Danger through skin absorption.

Inhalation of concentrated vapors as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

(Cont'd. on page 10)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 9)

Toxic and/or corrosive effects may be delayed up to 24 hours.

- Carcinogenic categories
- NTP (National Toxicology Program):

None of the ingredients are listed.

· OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients are listed.

Probable route(s) of exposure:

Ingestion.

Inhalation.

Eye contact.

Skin contact.

· Acute effects (acute toxicity, irritation and corrosivity):

Vapors have narcotic effect.

Irritating to eyes, respiratory system and skin.

May be fatal if swallowed and enters airways.

- · Repeated dose toxicity: Possible risk of irreversible effects.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Repr. 2

- · Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- · Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Suspected of damaging fertility or the unborn child. Route of exposure: Inhalation.
- · STOT-single exposure:

May cause respiratory irritation.

May cause drowsiness or dizziness.

· STOT-repeated exposure:

May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation.

· **Aspiration hazard:** May be fatal if swallowed and enters airways.

12 Ecological information

- · Toxicity
- · Aquatic toxicity: The product contains materials that are harmful to the environment.
- Persistence and degradability: No relevant information available.
- · Behavior in environmental systems
- · Bioaccumulative potential: No relevant information available.
- · Mobility in soil: No relevant information available.
- · Additional ecological information
- · General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

· Other adverse effects: No relevant information available.

(Cont'd. on page 11)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 10)

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. 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. Residual materials should be treated as hazardous.

UN1263

- · Waste disposal key: EPA RCRA Code (USA): D001, F005.
- · Uncleaned packagings
- · Recommendation: Disposal in accordance with official regulations.

14 Transport information

- · UN-Number
- · DOT, ADR, IMDG, IATA
- · UN proper shipping name



Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 5 L (1.3 gal).

· **DOT, IATA** Paint related material

· ADR 1263 PAINT RELATED MATERIAL PAINT RELATED MATERIAL

· Transport hazard class(es)

· DOT



· Class 3 Flammable liquids

· Label

· ADR



· Class 3 (F1) Flammable liquids

· Label

· IMDG, IATA



· Class 3 Flammable liquids

· Label

(Cont'd. on page 12)

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 11)

· Packing group

· DOT, ADR, IMDG, IATA

· Environmental hazards Not applicable.

· Special precautions for user Warning: Flammable liquids

Danger code (Kemler): 33 EMS Number: F-E,S-E

· Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

· Transport/Additional information:

· DOT

• Quantity limitations On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L

· IATA Limited quantity by air: 1L

· UN "Model Regulation" UN1263, Paint related material, 3, II

15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- ·SARA
- · Section 302 (extremely hazardous substances):

None of the ingredients are listed.

Section 304 (emergency release notification):

None of the ingredients are listed.

Sections 311/312 (hazardous chemical threshold planning quantity in pounds):

None of the ingredients are listed.

· Section 355 (extremely hazardous substances):

None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):

108-88-3 toluene

· TSCA (Toxic Substances Control Act)

All ingredients are listed.

- · Proposition 65 (California)
- · Chemicals known to cause cancer:

Present in trace quantities.

· Chemicals known to cause reproductive toxicity for females:

108-88-3 toluene

· Chemicals known to cause reproductive toxicity for males:

Present in trace quantities.

· Chemicals known to cause developmental toxicity:

108-88-3 toluene

(Cont'd. on page 13)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 12) Carcinogenic categories EPA (Environmental Protection Agency): 108-88-3 toluene Ш · IARC (International Agency for Research on Cancer): 108-88-3 toluene 3 TLV (Threshold Limit Value established by ACGIH): 108-88-3 | toluene A4 NIOSH-Ca (National Institute for Occupational Safety and Health): None of the ingredients are listed. State Right to Know Listings None of the ingredients are listed. · Canadian substance listings · Canadian Domestic Substances List (DSL): All ingredients are listed. Canadian Ingredient Disclosure list (limit 0.1%): None of the ingredients are listed. Canadian Ingredient Disclosure list (limit 1%): All ingredients are listed.

· Other regulations, limitations and prohibitive regulations

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

· Date of preparation / last revision 09/02/2015 / -

· 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)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Lig. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

(Cont'd. on page 14)

Printing date 09/02/2015 Reviewed on 09/02/2015

Trade name: Stripper

(Cont'd. of page 13)

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B

Repr. 2: Reproductive toxicity, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2
Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Sources

Website, European Chemicals Agency (http://http://echa.europa.eu/)

Website, US EPA Substance Registry Services (http://http://ofmpub.epa.gov/sor internet/registry/substreg/ home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (https://www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

SDS Prepared by:

ChemTel Inc.

1305 North Florida Avenue

Tampa, Florida USA 33602-2902

Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573

Website: www.chemtelinc.com