



SAFETY DATA SHEET

SOLVA 160

Version 1

Revision Date: 15.01.2014

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name : Solva 160

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of substance/Mixture : Heavy duty solvent degreaser

1.3 Details of the supplier of the safety data sheet

Supplier : World Gulf Factory for Manufacturing Cleaning Products
Jahra, Industrial Amghara, Block 3, Bldg 159, PO Box 33,
Dasman 15451, Kuwait

1.4 Emergency telephone number

+965 24711412

2 Hazards identification

2.1 Classification of the substance or mixture

Classification	: R65	: Harmful: may cause lung damage if swallowed.
	R53	: May cause long-term adverse effects in the aquatic environment
	R66	: Repeated exposure may cause skin dryness or cracking.

2.2 Label elements

Hazard pictograms



Signal Word

Harmful

Hazard statements

: H302	: Harmful if swallowed
H313	: May be harmful in contact with skin
H320	: Causes eye irritation

Precautionary statements

Prevention	
P210	: Keep away from heat/sparks/open flames/hot surfaces – No smoking



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- P280 : Wear protective gloves/protective clothing/eye protection/face protection
- P403+233 : Store in a well-ventilated place. Keep container tightly closed
- P273 : Avoid release to the environment
- P501 : Dispose of contents/container as hazardous waste

Response

- P302+352 : IF ON SKIN: Wash with soap and water
- P305+351 : IF IN EYES: Rinse cautiously with water for several minutes
- P301+330+310 : IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician
- P391 : Collect spillage

3 Composition/information on ingredients

3.1 Substances

3.2 Mixtures

- Aliphatic hydrocarbon solvent : 60-90%
- Anionic Surfactants : 5-10%
- Nonionic surfactants : 5-10%
- Butylglycol : 1-5%

4 First aid measures

4.1 Description of first aid measures

- General advise : Consult physician
- If inhaled : Move the exposed person to fresh air at once
- If swallowed : Immediately rinse mouth and provide fresh air. DO NOT induce vomiting. Get medical attention immediately.
- In case of skin contact : Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.
- In case of eye contact : Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available



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4.3 Indication of any immediate medical attention and special treatment needed

Treatment : No information available

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Foam, carbon dioxide (CO₂), dry chemicals, sand, dolomite etc.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire : Fire creates: Carbon monoxide (CO), Carbon dioxide (CO₂), Hydrocarbons, Aldehydes
Unusual fire and explosion hazards : Material may accumulate a static charge, which could act as an ignition source.

5.3 Advice for firefighters

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus and full protective clothing.
Further information : Water may be ineffective but use to keep fire-exposed containers cool. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Environmental precautions : Do not let the product or washing down water enter natural water courses or the sewer. Inform the relevant authorities if this occurs.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with vermiculite, dry sand or earth and place into containers. Keep in suitable, closed containers for disposal



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6.4 Reference to other sections

None

7 Handling and storage

7.1 Precautions for safe handling

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|---|---|---|
| Advice on safe handling | : | Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Container must be kept tightly closed. Observe good chemical hygiene practices. |
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection. |

7.2 Conditions for safe storage, including any incompatibilities

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|---|---|---|
| Requirements for storage areas and containers | : | Keep away from oxidizers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Store in original container. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Storage tanks must be positioned within a bunded area. |
| Advice on common storage | : | Flammable liquid storage |

7.3 Specific end use(s)

8 Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Personal Protective Equipment

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|--------------------------|---|---|
| Respiratory protection | : | In the case of vapor formation use a respirator with an approved filter. |
| Hand protection | : | Polyvinyl alcohol or nitrile- butyl-rubber gloves |
| Eye protection | : | Tightly fitting safety goggles. Wear face-shield and protective suit for abnormal processing problems. |
| Skin and body protection | : | Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place. |
| Hygiene measures | : | Handle in accordance with good industrial hygiene and safety Practice. When using do not eat or drink. When using do not smoke. |

Environmental exposure controls

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|----------------|---|---------------------------------------|
| General advice | : | Prevent product from entering drains. |
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9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: Liquid
Color	: Colorless light yellow
Odor	: Almost odorless
Flash point	: >60C
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flammability (solid, gas)	: No data available
Oxidizing properties	: No data available
Autoignition temperature	: No data available
pH	: No data available
Melting point/range	: No data available
Boiling point/boiling range	: 160-230
Vapour pressure	: No data available
Relative density	: 0.8
Water solubility	: insoluble
Partition coefficient: octanol/water	: No data available
Solubility in other solvents	: No data available
Viscosity, dynamic	: No data available
Relative vapour density	: No data available
Evaporation rate	: No data available

9.2 Other information

10 Stability and reactivity

10.1 Reactivity

Reactivity	: No data available
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10.2 Chemical stability

Stability	: Stable under normal temperature conditions
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10.3 Possibility of hazardous reactions

Hazardous reactions	: No hazards to be specifically mentioned
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10.4 Conditions to avoid

Conditions to avoid	: Avoid heat, flames and other sources of ignition
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10.5 Incompatible materials

Materials to avoid	: Avoid strong oxidizing substances, Acids
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10.6 Hazardous decomposition products

Hazardous decomposition products : Fire creates: Vapors/gases/fumes of: Carbon monoxide (CO), Carbon dioxide (CO₂), Hydrocarbons, Aldehydes.

11 Toxicological information

Information of toxicological effects : No data available

12 Ecological information

12.1 Toxicity

Toxicity to fish : no data available

12.2 Persistence and degradability

Biodegradability : The product is not readily biodegradable.

12.3 Bio accumulative potential

Bioaccumulation : No data available

12.4 Mobility in soil

Mobility in soil : The product has only slight mobility in soil. The product is insoluble in water and will spread on the water surface.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : No data available

12.6 Other adverse effects

Additional ecological information : No data available

13 Disposal considerations

13.1 Waste treatment methods

Product : Dispose of product residue in accordance with the instructions of the person responsible for waste disposal. Dispose of as hazardous waste in compliance with local and national regulations.

Contaminated packaging : Empty remaining contents. Dispose of as unused product. Do not re-use empty containers



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14 Transport information

UN number	:	No data available
UN proper shipping name	:	No data available
Transport hazard class (es)	:	No data available
Packing group	:	No data available
Environmental hazards	:	Not Environmentally Hazardous Substance/Marine Pollutant
Special precautions for use	:	No data available

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture	:	No data available
Chemical safety assessment	:	No data available

16 Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.