



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** A-151

### Other means of identification

**Part Number** M04305, M04355

### Recommended use of the chemical and restrictions on use

**Recommended use** A solvent degreaser designed for removing heavy residues from metal and other hard surfaces where reduced flammability, toxicity and environmental impact are concerns.

**Restrictions on use** Not available.

### Details of manufacturer or importer

#### Manufacturer

**Supplier Name** MRO Chem Pty Ltd.  
**Address** Level 19, 644 Chapel Street  
South Yarra, Victoria 3141, Australia  
Tel: +03 9823 6273

**In Case of Emergency** +04 3448 1129

#### Manufacturer

**Company name** ITW Pro Brands  
**Address** 4647 Hugh Howell Rd., Tucker, GA 30084 (U.S.A.)  
**Website** <http://www.lpslabs.com>  
**E-mail** [lpssds@itwprobrands.com](mailto:lpssds@itwprobrands.com)

## 2. Hazard(s) identification

### Classification of the hazardous chemical

|                              |                   |            |
|------------------------------|-------------------|------------|
| <b>Physical hazards</b>      | Flammable liquids | Category 4 |
| <b>Health hazards</b>        | Aspiration hazard | Category 1 |
| <b>Environmental hazards</b> | Not classified.   |            |

### Label elements, including precautionary statements

**Hazard symbol(s)**



Health hazard

**Signal word** Danger

**Hazard statement(s)** Combustible liquid. May be fatal if swallowed and enters airways.

### Precautionary statement(s)

**Prevention** Keep away from flames and hot surfaces-No smoking. Wear protective gloves/eye protection/face protection.

**Response** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. In case of fire: Use appropriate media for extinction.

**Storage** Store in a well-ventilated place. Keep cool. Store locked up.

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

**Other hazards which do not result in classification** Combustible.

**Supplemental information** None known.

### 3. Composition/information on ingredients

#### Mixture

| Identity of chemical ingredients         | CAS number and other unique identifiers | Concentration of ingredients |
|--|---|------------------------------|
| Distillates Petroleum Hydrotreated Light | 64742-47-8                              | 60 - 70                      |

### 4. First-aid measures

#### Description of necessary first aid measures

|   |   |
|---|---|
| <b>Inhalation</b>                                   | Move to fresh air. Call a physician if symptoms develop or persist.   |
| <b>Skin contact</b>                                 | Wash off with soap and water. Get medical attention if irritation develops and persists.  |
| <b>Eye contact</b>                                  | Rinse with water. Get medical attention if irritation develops and persists.  |
| <b>Ingestion</b>                                    | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. |
| <b>Personal protection for first-aid responders</b> | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.  |
| <b>Symptoms caused by exposure</b>                  | Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.  |
| <b>Medical attention and special treatment</b>      | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.  |

### 5. Fire-fighting measures

#### Extinguishing media

|                                       |   |
|---------------------------------------|---|
| <b>Suitable extinguishing media</b>   | Water fog. Alcohol resistant foam. Dry chemical powder. Dry chemicals. Carbon dioxide (CO <sub>2</sub> ). |
| <b>Unsuitable extinguishing media</b> | Do not use water jet as an extinguisher, as this will spread the fire.                                    |

#### Specific hazards arising from the chemical

The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.

#### Special protective equipment and precautions for fire fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

#### Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved.

#### Hazchem code

None.

#### General fire hazards

Combustible liquid.

#### Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

### 6. Accidental release measures

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

|                                    |  |
|------------------------------------|--|
| <b>For non-emergency personnel</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
| <b>For emergency responders</b>    | Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up.   |
| <b>Environmental precautions</b>   | Avoid discharge into drains, water courses or onto the ground.   |

**Methods and materials for containment and cleaning up**

Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**7. Handling and storage****Precautions for safe handling**

Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**

Store locked up. Keep away from heat and sources of ignition. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls and personal protection****Control parameters**

Follow standard monitoring procedures.

**Occupational exposure limits****ACGIH****Components**

Distillates Petroleum Hydrotreated Light (CAS 64742-47-8)

**Type**

TWA

**Value**

5 mg/m<sup>3</sup>

**Form**

Oil mist

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)****Components**

Distillates Petroleum Hydrotreated Light (CAS 64742-47-8)

**Type**

TWA

**Value**

5 mg/m<sup>3</sup>

**Form**

Respirable aerosol fraction

350 mg/m<sup>3</sup>

Vapor.

50 ppm

Vapor.

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, for example personal protective equipment (PPE)****Eye/face protection**

Wear safety glasses with side shields (or goggles).

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves.

**Other**

Wear suitable protective clothing.

**Respiratory protection**

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures**

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties****Appearance****Physical state**

Liquid.

|   |   |
|---|---|
| <b>Form</b>   | Liquid.   |
| <b>Color</b>  | Clear water-white.  |
| <b>Odor</b>   | Characteristic.   |
| <b>Odor threshold</b>                               | Not determined  |
| <b>pH</b>   | Not available.  |
| <b>Melting point/freezing point</b>                 | Not available.  |
| <b>Initial boiling point and boiling range</b>      | 383 °F (195 °C)   |
| <b>Flash point</b>                                  | 158.0 °F (70.0 °C) Tag Closed Cup                           |
| <b>Evaporation rate</b>                             | < 0.1 BuAc  |
| <b>Flammability (solid, gas)</b>                    | Not applicable.   |
| <b>Upper/lower flammability or explosive limits</b> |   |
| <b>Flammability limit - lower (%)</b>               | 0.6 % Estimated   |
| <b>Flammability limit - upper (%)</b>               | 20.4 % Estimated  |
| <b>Explosive limit - lower (%)</b>                  | Not available.  |
| <b>Explosive limit - upper (%)</b>                  | Not available.  |
| <b>Vapor pressure</b>                               | < 0.1 mm Hg @ 20 °C   |
| <b>Vapor density</b>                                | 6.1 (air = 1)   |
| <b>Relative density</b>                             | Not available.  |
| <b>Solubility(ies)</b>                              |   |
| <b>Solubility (water)</b>                           | Not soluble in water  |
| <b>Partition coefficient (n-octanol/water)</b>      | > 1   |
| <b>Auto-ignition temperature</b>                    | > 381.2 °F (> 194 °C)                                       |
| <b>Decomposition temperature</b>                    | Not available.  |
| <b>Viscosity</b>                                    | < 3 mm <sup>2</sup> /s @ 25 °C                              |
| <b>Other physical and chemical parameters</b>       |   |
| <b>Explosive properties</b>                         | Not explosive.  |
| <b>Oxidizing properties</b>                         | Not oxidizing.  |
| <b>Specific gravity</b>                             | 0.84 - 0.86 @ 20 °C   |
| <b>VOC</b>  | 0 % per U.S. State and Federal Consumer Product Regulations |

## 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.  |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.  |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.  |
| <b>Conditions to avoid</b>                | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Strong oxidizing agents.   |
| <b>Hazardous decomposition products</b>   | Carbon oxides.   |

## 11. Toxicological information

### Information on possible routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Prolonged inhalation may be harmful.   |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected.   |
| <b>Eye contact</b>  | Direct contact with eyes may cause temporary irritation.   |
| <b>Ingestion</b>    | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. |

**Symptoms related to exposure** Aspiration may cause pulmonary edema and pneumonitis.

**Acute toxicity** May be fatal if swallowed and enters airways.

| <b>Components</b> | <b>Species</b> | <b>Test Results</b> |
|-------------------|----------------|---------------------|
|-------------------|----------------|---------------------|

Distillates Petroleum Hydrotreated Light (CAS 64742-47-8)

**Acute**

**Inhalation**

*Vapor*

LC50

Rat

> 4.5 mg/l, 4 Hours

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/irritation** Direct contact with eyes may cause temporary irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** Not a respiratory sensitizer.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

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

**Chronic effects** Prolonged inhalation may be harmful.

**Other information** None known.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| <b>Components</b> | <b>Species</b> | <b>Test Results</b> |
|-------------------|----------------|---------------------|
|-------------------|----------------|---------------------|

Distillates Petroleum Hydrotreated Light (CAS 64742-47-8)

**Aquatic**

Fish

LC50

Rainbow trout,donaldson trout  
(Oncorhynchus mykiss)

2.9 mg/l, 96 hours

**Persistence and degradability**

**Bioaccumulative potential**

**Partition coefficient  
n-octanol / water (log Kow)**

A-151

> 1

**Mobility in soil** No data available for this product.

**Other adverse effects** None known.

## 13. Disposal considerations

**Disposal methods** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Residual waste** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

**Contaminated packaging** Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

**ADG**

Not regulated as dangerous goods.

**RID**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

**15. Regulatory information****Safety, health and environmental regulations**

**National regulations** This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals (23/12/2011).

**High Volume Industrial Chemicals (HVIC)**

Distillates Petroleum Hydrotreated Light (CAS 64742-47-8) 1000 - 9999 TONNES See the regulation for additional information.

**Importation of Ozone Deleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)**

Not listed.

**National Pollutant Inventory (NPI) substance reporting list**

Not listed.

**Prohibited Carcinogenic Substances**

Not regulated.

**Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)**

Not listed.

**Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)**

Not listed.

**Restricted Carcinogenic Substances**

Not regulated.

**International regulations** Additional information is given in the Safety Data Sheet.

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**International Inventories**

| Country(s) or region | Inventory name   | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada               | Domestic Substances List (DSL)   | Yes                    |
| Canada               | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe               | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe               | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                | Existing Chemicals List (ECL)  | Yes                    |
| New Zealand          | New Zealand Inventory  | Yes                    |

| Country(s) or region        | Inventory name  | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                     | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information

**Issue date** 10-03-2016

**Revision date** 09-14-2017

**Disclaimer** ITW Pro Brands cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. 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 a 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.

**Revision information** This document has undergone significant changes and should be reviewed in its entirety.