

## Safety Data Sheet (SDS)

OSHA HazCom 2012 Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

Reviewed on 05/29/2015

### 1 Identification

- **Product identifier**
- **Trade name: NEW II**
- **CAS Number:**  
64742-48-9
- **EC number:**  
265-150-3
- **Product description**  
Environmentally Preferred Parts Cleaner Qualified to MIL-PRF-680C, Type II

Name	Part No.	Packaging	National Stock No.
NEW II	1156-55	55 Gal Drum	6850-01-474-2316
NEW II	1156-5	5 Gal Pail	6850-01-474-2317
NEW II	1156-15	15 Gal Drum	6850-01-378-0698
NEW II	1156	1 Gal	6850-01-474-2319

- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Ecolink  
2177 Flintstone Dr., Ste. A  
Tucker, GA 30084  
www.ecolink.com  
800-886-8240 or 770-621-8240 (8-5 EST)
- **Emergency telephone number:** Infotrac: 1-800-535-5053, 1-352-326-2510

email: info@ecolink.com

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



Health hazard

H304 May be fatal if swallowed and enters airways.

H 227 Combustible liquid.

- **Label elements**
- **GHS label elements**  
The substance is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS08

- **Signal word** Danger

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• **Hazard-determining components of labeling:**

Naphtha (Petroleum), Hydrotreated Heavy

• **Hazard statements**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

• **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use water fog, foam, dry chemical or CO2 to extinguish.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P405 Store locked up.

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

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

• **Classification system:**

• **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 2

Reactivity = 0

• **HMIS-ratings (scale 0 - 4)**



Health = 1

Fire = 2

Reactivity = 0

### 3 Composition/information on ingredients

• **Chemical characterization: Substances**

• **CAS No. Description**

Naphtha (Petroleum), Hydrotreated Heavy

64742-48-9

90-100%

• **Identification number(s)**

• **EC number:** 920-901-0

### 4 First-aid measures

• **Description of first aid measures**

• **After inhalation:** Supply fresh air; consult doctor in case of complaints.

• **After skin contact:** Wash contact areas with soap and water. Remove contaminated clothing and launder before re-use.

• **After eye contact:** Rinse opened eye for several minutes under running water.

• **After swallowing:** Give large amounts of water. Do NOT induce vomiting. If symptoms persist consult doctor.

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- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, foam, dry chemical, or water fog to extinguish flames.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool closed containers and exposed surfaces.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (ie. sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.
- **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**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols or spray mists.  
Avoid contact with the skin.  
Prevent small spills and leakage to avoid slip hazard.
- **Information about protection against explosions and fires:** Protect from heat. Bond and ground containers when transferring liquid.
- **Conditions for safe storage, including any incompatibilities**
- **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 container closed when not in use. Handle containers with care. Store at room temperature. Protect from heat and direct sunlight. Store in a cool, well ventilated place. Open slowly in order to control possible pressure release.  
**Chemical compatibility:** Epoxy phenolics; Teflon; Neoprene; Stainless Steel; Carbon Steel
- **Unsuitable materials and coatings:** Vinyl coatings; Natural Rubber; Butyl Rubber; Ethylene propylene diene monomer (EPDM).

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### 8 Exposure controls/personal protection

- **Control parameters**
- **Components with occupational exposure limits:**

Naphtha (Petroleum), Hydrotreated Heavy		
TWA	400 mg/m <sup>3</sup> (100 ppm)	OSHA Z1
RCP - TWA	1200 mg/m <sup>3</sup> (171 ppm)	(supplier)
- **Additional information:** *The lists that were valid during the creation were used as basis.*
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:** *Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.*
- **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:** *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. Select glove material based on penetration times, rates of diffusion and 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.*
- **Penetration time of glove material** *The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.*
- **Eye protection:** *Goggles or safety glasses with side shields recommended.*

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	Liquid
<b>Color:</b>	Colorless
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	Not determined.
<b>pH-value:</b>	Not determined.
- **Change in condition**

<b>Melting point/Melting range:</b>	Not determined.
<b>Boiling point/Boiling range:</b>	180 °C (356 °F)
- **Flash point:** 62 °C (144 °F) (Bulk Liquid (TCC))
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 335 °C (635 °F)
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Not determined.

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- **Explosion limits:**
  - Lower:** 0.7 Vol %
  - Upper:** 5.3 Vol %
- **Vapor pressure @ 20 °C (68 °F):** 0.31 mmHg
- **Density @ 20 °C (68 °F):** 0.764 g/cm<sup>3</sup> (6.38 lbs/gal)
- **Relative density @ 15° C:** 0.765
- **Vapor density @ 20 °C (68 °F)** 5.6 (Air=1)
- **Evaporation rate @ 20 °C (68 °F)** 0.09 (nBuAc = 1)
- **Solubility in / Miscibility with Water:** Negligible
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:** 2.02 cSt @ 25° C
- **Other information**
  - VOC Content:** 764 gm/l
  - Organic Solvent Content:** 100%

### 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition I conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** High temperatures.
- **Incompatible materials:**  
Strong acids, strong bases, strong oxidising agents and strong reducing agents.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**  
**64742-48-9 Naphtha (Petroleum), Hydrotreated Heavy**
  - Inhalation LC50 >5,000 mg/m<sup>3</sup> 8 hours (vapor) (rat)
  - Oral LD50 >5,000 mg/kg (rat)
  - Dermal LD50 >3,000 mg/kg (rabbit)
- **Primary irritant effect:**
  - **on the skin:** No irritant effect.
  - **on the eye:** No irritating effect.

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- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**  
Substance is not listed.
- **NTP (National Toxicology Program)**  
Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**  
Substance is not listed.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (Self-assessment): hazardous for water  
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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **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.

### 14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** Non-regulated material\*
- **UN proper shipping name**
- **DOT, ADR, IMDG, IATA** Not regulated for transportation

\* This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land.

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- **Transport hazard class(es)**
- **DOT, ADR, ADN, IMDG, IATA** Non-regulated material\*
  
- **Packing group**
- **DOT, ADR, IMDG, IATA** Non-regulated material\*
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Warning: Combustible liquid

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):**  
Substance is not listed.
- **Section 313 (Specific toxic chemical listings):**  
Substance is not listed.
- **TSCA (Toxic Substances Control Act):**  
Substance is listed.
- **Proposition 65**
- **Chemicals known to cause cancer:**  
Substance is not listed.
- **Chemicals known to cause reproductive toxicity for females:**  
Substance is not listed.
- **Chemicals known to cause reproductive toxicity for males:**  
Substance is not listed.
- **Chemicals known to cause developmental toxicity:**  
Substance is not listed.
- **Carcinogenic categories**
- **EPA (Environmental Protection Agency)**  
Substance is not listed.
- **TLV (Threshold Limit Value established by ACGIH)**  
Substance is not listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**  
Substance is not listed.
- **GHS label elements:** The substance is classified and labeled according to the Globally Harmonized System (GHS).

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· **Hazard pictograms**



GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

64742-48-9 Naphtha (Petroleum), Hydrotreated Heavy

· **Hazard statements**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

· **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use water fog, foam, dry chemical or CO2 to extinguish.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P405 Store locked up.

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

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

· **National regulations:**

Substance is not listed.

· **State Right to Know**

Substance is not listed.

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

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### 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** 05/29/2015

· **Abbreviations and acronyms:**

*ADR: Accord europeen 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 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*

*: Flammable liquids, Hazard Category 4*

*Asp. Tox. 1: Aspiration hazard, Hazard Category 1*

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