

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 10/09/2018

Reviewed on 10/09/2018

1 Identification

- **Product Identifier**
- **Trade Name: NEW II**
- **CAS Number:**
64742-48-9
- **EC number:**
265-150-3
- **Index number:**
649-327-00-6
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **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
2177A Flintstone Drive
Tucker, GA 30084
www.ecolink.com
800-886-8240 or 770-621-8240 (8-5 EST)
- **Emergency telephone number:** PERS Emergency response: 1-801-629-0667

email: info@ecolink.com

2 Hazard(s) Identification

- **Classification of the substance or mixture:**



Health hazard

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

Flam. Liq. 4 H227 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
- **Hazard-determining components of labeling:**
Naphtha (petroleum), hydrotreated heavy
- **Hazard statements:**
H227 Combustible liquid.

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H304 May be fatal if swallowed and enters airways.

• **Precautionary statements:**

- P210 Keep away from flames and hot surfaces. – No smoking.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 If swallowed: Immediately call a poison center/doctor.
- P331 Do NOT induce vomiting.
- P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

• **Unknown acute toxicity:**

This value refers to knowledge of known, established toxicological or ecotoxicological values.

- **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
- **NFPA ratings (scale 0 - 4)**



• **HMIS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	2	Fire = 2
REACTIVITY	0	Physical Hazard = 0

- **Hazard(s) not otherwise classified (HNOC):** None.

3 Composition/Information on Ingredients

- **Chemical characterization: Substance**
- **CAS No. Description**
64742-48-9 Naphtha (petroleum), hydrotreated heavy
- **Identification number(s)**
- **EC number:** 265-150-3
- **Index number:** 649-327-00-6

* 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 reuse.
- **After eye contact:** Rinse opened eye for at least 15 minutes under running water.
- **After swallowing:**
Give large amounts of water. Do NOT induce vomiting. If symptoms persist consult doctor.
- **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:** CO2, foam, dry chemical, or water fog to extinguish flames.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.

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- **Special hazards arising from the substance or mixture:**
Combustible liquid. Vapors can travel to a source of ignition and flash back.
Explosive mixtures may occur at temperatures at or above flashpoint.
- **Advice for firefighters**
- **Special protective equipment for firefighters:**
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

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 (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Dispose of the collected material according to regulations.
- **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.
- **Protective Action Criteria for Chemicals**

• PAC-1:	350 mg/m ³
• PAC-2:	1,800 mg/m ³
• PAC-3:	40,000 mg/m ³

* 7 Handling and Storage

- **Handling**
- **Precautions for safe handling:**
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**
Compatible with: epoxy phenolics, teflon, neoprene, stainless steel, carbon steel.
Incompatible with: vinyl coatings, natural rubber, butyl rubber, ethylene propylene diene monomer (EPDM).
- **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.

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- **Specific end use(s):** No further relevant information available.

8 Exposure Controls/Personal Protection

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

· **Components with occupational exposure limits:**

64742-48-9 Naphtha (petroleum), hydrotreated heavy

TWA	Short-term value: 600 mg/m ³ , 100 ppm Long-term value: 300 mg/m ³ , 50 ppm
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- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **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.
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:** Not required.
- **Material of gloves:** Not applicable.
- **Penetration time of glove material:** Not applicable.
- **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:**
 - Form:** Liquid
 - Color:** Clear, colorless
- **Odour:** Odorless
- **Odor threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
 - Melting point/Melting range:** -25 °C (-13 °F)
 - Boiling point/Boiling range:** 180 °C (356 °F)
- **Flash point:** 62 °C (143.6 °F) (Bulk Liquid (TCC))
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** 240 °C (464 °F) (635°F)
- **Decomposition temperature:** Not determined.
- **Auto igniting:** Not determined.
- **Danger of explosion:** Not determined.
- **Explosion limits:**
 - Lower:** 0.6 Vol %

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- Upper:** 7 Vol %
- **Vapor pressure @ 20 °C (68 °F):** 1 hPa (0.8 mm Hg) (mmHg)
- **Density @ 20 °C (68 °F):** 0.785 g/cm³ (6.5508 lbs/gal)
- **Relative density:** Not determined.
- **Vapor density @ 20 °C (68 °F):** 5.6 (AIR=1)
- **Evaporation rate @ 20 °C (68 °F):** <1 (nBuAc = 1)
- **Solubility in / Miscibility with:**
- **Water @ 20 °C (68 °F):** 0.04 g/l
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
- **Dynamic:** Not determined.
- **Kinematic:** Not determined.
- **VOC content:** 0.00 %
- **Solids content:** 0.0 %
- **Other information:** VOC: 767 gm/l

10 Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Heat, flame and ignition sources.
- **Incompatible materials:** No further relevant information available.
- **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		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>3,000 mg/kg (rab)
Inhalative	LC50/4 h	>5,000 mg/l (Rat)
	LC50/96 hours	>100 mg/l (Trout)

- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Additional toxicological information:**
- **Carcinogenic categories:**

· IARC (International Agency for Research on Cancer):
Substance is not listed.

· NTP (National Toxicology Program):
Substance is not listed.

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

Substance is not listed.

12 Ecological Information

· **Toxicity:**

· **Aquatic toxicity:**

64742-48-9 Naphtha (petroleum), hydrotreated heavy

EC50 >100 mg/l (Green algae)

>100 mg/l (Daphnia)

· **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:**

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:**

Observe all federal, state and local environmental regulations when disposing of this material.

· **Uncleaned packaging**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport Information

· **UN-Number:**

· **DOT, ADR/ADN, ADN, IMDG, IATA**

Non-Regulated Material

· **UN proper shipping name:**

· **DOT, ADR/ADN, ADN, IMDG, IATA**

Non-Regulated Material

· **Transport hazard class(es):**

· **DOT, ADR/ADN, IMDG, IATA**



Limited Quantity

· **Class:**

Non-Regulated Material

· **ADN/R Class:**

Non-Regulated Material

· **Packing group:**

· **DOT, ADR/ADN, IMDG, IATA**

Non-Regulated Material

· **Environmental hazards:**

Not applicable.

· **Special precautions for user:**

Not applicable.

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- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **Transport/Additional information:**
- **DOT** DOT Packaging Exceptions (49 CFR 173.xxx): 150
DOT Packaging Non Bulk (49 CFR 173.xxx): 203
DOT Packaging Bulk (49 CFR 173.xxx): 242
- **Remarks:** Not DOT regulated in containers less than 119 gallons.
- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory Information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

<ul style="list-style-type: none"> · Section 355 (extremely hazardous substances): 	Substance is not listed.
<ul style="list-style-type: none"> · Section 313 (Specific toxic chemical listings): 	Substance is not listed.
<ul style="list-style-type: none"> · TSCA (Toxic Substances Control Act): 	Substance is listed.
<ul style="list-style-type: none"> · California Proposition 65: 	
<ul style="list-style-type: none"> · Chemicals known to cause cancer: 	Substance is not listed.
<ul style="list-style-type: none"> · Chemicals known to cause reproductive toxicity for females: 	Substance is not listed.
<ul style="list-style-type: none"> · Chemicals known to cause reproductive toxicity for males: 	Substance is not listed.
<ul style="list-style-type: none"> · Chemicals known to cause developmental toxicity: 	Substance is not listed.
<ul style="list-style-type: none"> · New Jersey Right-to-Know List: 	Substance is not listed.
<ul style="list-style-type: none"> · New Jersey Special Hazardous Substance List: 	Substance is not listed.
<ul style="list-style-type: none"> · Pennsylvania Right-to-Know List: 	Substance is not listed.
<ul style="list-style-type: none"> · Pennsylvania Special Hazardous Substance List: 	Substance is not listed.
<ul style="list-style-type: none"> · Carcinogenic categories: 	
<ul style="list-style-type: none"> · EPA (Environmental Protection Agency): 	Substance is not listed.
<ul style="list-style-type: none"> · TLV (Threshold Limit Value established by ACGIH): 	Substance is not listed.
<ul style="list-style-type: none"> · NIOSH-Ca (National Institute for Occupational Safety and Health): 	Substance is not listed.

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- **GHS label elements**

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

- **Hazard pictograms:**



GHS08

- **Signal word:** Danger

- **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 flames and hot surfaces. – No smoking.

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

P301+P310 If swallowed: Immediately call a poison center/doctor.

P331 Do NOT induce vomiting.

P370+P378 In case of fire: Use for extinction: CO₂, powder or water spray.

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

P405 Store locked up.

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

- **National regulations:**

Non-Regulated Material

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

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

- **Date of preparation / last revision:** 10/09/2018 / 3

- **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety & Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

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Flam. Liq. 4: Flammable liquids – Category 4

Asp. Tox. 1: Aspiration hazard – Category 1

· * **Data compared to the previous version altered.**

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106