

SAFETY DATA SHEET

1. Product Identification

ASG – Balkamp
2601 Stout Heritage Parkway
Plainfield, IN 46168

Product line: NAPA MACs All Parts Washer Solvent
Products: 6510
CAS: Not applicable (Mixture)
Synonyms: Parts washer solvent
Recommended use: Parts washer solvent
Restrictions: None determined
Created: 29 December 2020
Revised: 20 April 2022
Emergency phone: CHEMTREC: (+1) 800-424-9300

2. Hazards Identification

Classification: Flammable liquids, Category 3
Aspiration hazard, Category 1
Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2A
Specific target organ toxicity (single exposure), Category 3
Germ cell mutagenicity, Category 1B
Carcinogenicity, Category 1A
Target organs: CNS, Narcotic effects



Symbol(s):

Signal Word:

DANGER!

Hazard Statement(s):

Flammable liquid and vapor. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. Toxic to aquatic life with long lasting effects.

Other hazard(s):

This product produces oil sheen on bodies of water. Mists of sprays of this product may be harmful if inhaled. Prolonged or repeated exposure may cause eye or skin irritation.

Precaution(s): Avoid breathing vapors/mist/spray. Do not eat, drink or smoke when using this product. Use ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid release to the environment. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If on skin: Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention. Keep away from flames and hot surfaces – No smoking.

Disposal: Keep out of waterways. Check local, national, and international regulations for proper disposal

3. Composition/Information on Ingredients /Information on Ingredients

Hazardous Ingredients:

Component	CAS No.	Conc (wt%)
Hydrotreated naphtha, heavy	64742-48-9	80 - 90
Isoparaffinic petroleum distillate	64742-47-8	5 – 10
Polyoxyethylene sortbitol hexaoleate	57171-56-9	< 1
Tripropylene glycol monomethyl ether	25498-49-1	< 1
*Benzene	71-43-2	< 0.1

**Not intentionally added; possible or likely contaminant to added components. Product may also contain toluene, xylenes, ethylbenzene and hexanes*

4. First Aid Measures

Eyes Flush eyes with running water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention if irritation persists.

Skin Flush exposed area with running water for at least 15 minutes. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists or if signs of an allergic reaction appear.

Inhalation Move to fresh air. If nausea or other symptoms persist, get medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get medical attention immediately.

Ingestion In swallowed: Immediately call a POISON CENTER or doctor/physician. DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, lower head below hips to reduce risk

of aspiration. Never give anything by mouth to an unconscious person.

Additional Info Note to physician: Treat symptomatically.

5. Fire-fighting Measures

Flash Point 50C / 122F (PMCC)

Extinguishing Media Use water spray, fog, foam, dry chemical or CO₂

Unsuitable Media Water jet may cause fire to spread

Firefighting Procedures: Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear

Unusual Hazards See section 10 for additional information

6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Keep unnecessary personnel away. Wear appropriate personal protective equipment for emergency. Ventilate if released in a confined area. Eliminate sources of ignition if it is safe to do so. Wear suitable personal protective equipment and stop the spread of material will adsorbent or socks if safe to do so.

Environmental precautions: Avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways or groundwater. Produces oil sheen on waterways. Toxic to aquatic organisms

Methods for removal: Use a pump or bucket to recover free liquid. Residual liquid can be absorbed on inert material. Use non-sparking tools.

7. Handling and Storage

Max. Handling Temp: 45°C / 113°F

Procedures: Open container in a cool, well ventilated area. Avoid breathing vapors. Keep containers closed when not in use. Use appropriate containment to avoid environmental contamination. Avoid use in confined areas without adequate ventilation. Areas of inadequate ventilation could contain concentrations high enough to cause eye irritation, headaches, respiratory discomfort or nausea. Avoid breathing dust, fume, gas, mist, vapors, or spray. Wash

thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of the product. Dispose of packaging or containers in accordance with local, regional, national, and international regulations. Store away from strong oxidizers

Max Store Temp: 40°C / 104°F

8. Exposure Controls/Personal Protection

Exposure Limits

Guidelines by component

Mineral Oil (mists)

OSHA TWA	5 mg/m ³
ACGIH TWA	5 mg/m ³
TWA (Canada)	5 mg/m ³
STEL (Canada)	10 mg/m ³
EH40-MEL	5 mg/m ³ , 8 hours
NOHSC	5 mg/m ³ , 8 hours

Hydrotreated naphtha, heavy (CAS # 64742-48-9)

ACGIH TWA	300 ppm
ACGIH STEL	500 ppm

**Benzene (CAS # 71-43-2)*

OSHA TWA	1 ppm
OSHA STEL	5 ppm
ACGIH TWA	0.5 ppm
ACGIH STEL	2.5 ppm

Other Exposure Limits: Not determined

Engineering Controls: Use in a well ventilated area. Where possible, cover sources of oil sprays and mists with adsorbent cloth to minimize exposure to mineral oil mists. Keep concentrations of mist below exposure limits

Personal Protective Equipment

Respiratory: Where mineral oil mists are generated – use full face respirator with organic vapor cartridge.

Eye: Wear safety glasses where splashing or splattering may occur

Gloves: Use nitrile or neoprene gloves. If material is hot, use appropriately insulated gloves.

- Clothing:** Use neoprene or nitrile gloves. Use suitable protective clothing. When handling at elevated temperatures, use insulated apron or coat. Launder contaminated clothing before reuse
- Hygiene:** Wash thoroughly after handling this product. When using product do not smoke, eat or drink.

9. Physical and Chemical Properties

Appearance	Pale amber liquid
Odor	Aromatic
Odor threshold	Not determined
pH	Not determined
Melting Point	Not determined
Initial Boiling Pt/Rng	149C / 300F (estimated)
Flash Point	50C / 122F (PMCC)
Evaporation Rate	Not determined
Upper Flammable Lm	Not determined
Lower Flammable Lm	Not determined
Explosive Data	Not determined
Vapor Pressure	Not determined
Vapor Density	Not determined
Volatile Organics	89% w/w
Density	0.8 mg/cu. cm @15.6°C
Solubility	Insoluble in water, alcohols; soluble in organics
K_{ow}	Not determined
Viscosity	Not determined
Autoignition Point	109C / 229F (estimated)
Decomposition Temp	Not determined

10. Stability and Reactivity

Stability	Material is normally stable at normal temperatures and pressures
Decomposition Temp	Not determined
Incompatibility	Keep away from strong oxidizing agents
Polymerization	Will not occur
Thermal Decomposition	Smoke, oxides of carbon, sulfur and nitrogen
Conditions to Avoid	Keep away from heat, flames, strong oxidizers

11. Toxicological Information

- Acute Exposure -

Eye Irritation	Direct eye contact may cause irritation or eye damage
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Skin Irritation	Components of mixture cause skin irritation. Repeated or prolonged exposure may cause irritation, dryness, redness or cracking of the skin
Respiratory Irritation	Mists of mineral oils, if inhaled, may be irritating.
Dermal Toxicity	Light aromatic hydrocarbons can be absorbed through the skin posing chronic toxicity risks
Inhalation Toxicity	May cause drowsiness, dizziness, headache, nausea, and vomiting. Exposure to mineral oil mists may be harmful. Symptoms of over-exposure to mineral oil mists may be similar to that of pneumonia.
Oral Toxicity	Harmful if swallowed. Droplets of product aspirated into the lungs through ingestion or vomiting may cause serious chemical pneumonia.
Aspiration Hazard	This product may be fatal if swallowed and enters airways, particularly in those with weakened respiratory systems.
Chronic Toxicity	<p>- Chronic Exposure -</p> <p>Components of this product are classified as carcinogenic. Prolonged or repeated exposure may cause liver and kidney damage.</p>
Carcinogenicity	<p>May cause cancer. Two year inhalation studies of vaporized unleaded gasoline produced an increase incidence of kidney tumors in male rates and liver tumors in femail mice. Repeated skin application of various petroleum naphthas in mice for two years resulted in an increased incidence of skin tumors but only in the presence of severe skin irritation. Follow-up mechanistic studies suggest that the occurrence of these turmos may be the consequence of promotional processes and not relevant to human risk assessment. Epidemiology data collected from a study of more than 18,000 petroleum marketing and distribution workers showed no increased risk of leukemia, multiple myeloma, or kidney cancer from gasoline exposure. Unleaded gasoline has been identified as a possible carcinogen by the IARC.</p>
Mutagenicity	<p>Product can contain less than 0.1% of benzene, which is identified as a human carcinogen by the IARC, US NTP and US OSHA.</p> <p>No data available to indicate product or any components at greater than 0.1% are mutagenic or genotoxic. Product can</p>

contain less than 0.1% of benzene, which has resulted in chromosomal aberration in human lymphocytes and animal bone marrow cells. Exposure has also been associated with chromosomal aberration in sperm cells in human and animal studies.

Reproductive Toxicity Not expected to cause reproductive toxicity. No evidence of developmental toxicity was found in pregnant laboratory mice and rats exposed to high vapor concentrations of unleaded gasoline and petroleum naphthas via inhalation. A two-generation reproductive toxicity study of vapor recovery gasoline did not adversely affect reproductive function or offspring survival and developments.

Teratogenicity No data available to indicate product or any components at greater than 0.1% may cause teratogenic effects.

- Additional Information -

Other Product may contain trimethylbenzenes which have shown blood effects in laboratory animals after long-term inhalation exposure. May be toxic to the central nervous system, liver, kidneys, and blood system by inhalation

12. Ecological Information

- Environmental Toxicity -

Miscellaneous No LD/LC/EC50 data was collected for this product. Classification is based on classification of components and summation formula.

- Environmental Fate -

Biodegradation The petroleum oil in this product is not readily biodegradable, but can be broken down by microorganisms and is therefore considered to be inherently biodegradable. Some components of this product may persist in the environment

Bioaccumulation The petroleum oil in this product has a K_{ow} greater than 5.3 and is regarded as having the potential to bioaccumulate. In practice, metabolic processes may reduce this potential.

Soil Mobility Petroleum oils adsorb to soil and sediment. Once adsorbed, the product is expected to adhere to soil until it is slowly biodegraded.

Other Effects Not determined

13. Disposal Considerations

Disposal Considerations

All disposal practices must be in accordance with local, regional, national, and international regulations. Do not dispose in a landfill. Wherever possible, recycle product to used oil collection facilities in accordance with applicable regulations.

Contaminated Containers or Packaging

Dispose of packaging or containers in accordance with local, regional, national, and international regulations

14. Transportation Information

Description shown may not apply to all shipping situations. Consult applicable shipping codes to determine any additional shipping requirements

US DOT

UN No	UN1993
UN Proper Name	Flammable liquid, n.o.s. (Petroleum distillates)
UN Class	3
Packing Group	III
Marine Pollutant	Yes (PETROLUUM DISTILLATES)

IMDG

UN No	UN1268
UN Proper Name	Petroleum distillates, n.o.s, MARINE POLLUTANT (PETROLEUM DISTILLATE)
UN Class	3
Packing Group	III
Marine Pollutant	Yes (SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM.)

ICAO/IATA

UN No	UN1268
UN Proper Name	Petroleum distillates, n.o.s, MARINE POLLUTANT (PETROLEUM DISTILLATE)
UN Class	3
Packing Group	III
Marine Pollutant	Yes (SOLVENT NAPHTHA (PETROLEUM) LIGHT AROM.)

15. Regulatory Information

	- Global Chemical Inventories -
USA	All components of this material are on the US TSCA or are exempt
Other TSCA Reg.	None known
EU	All components are listed or exempted
New Zealand	All components are listed or exempted
Canada	All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List

- Other U.S. Federal Regulations -

SARA Ext. Haz. Subst. This product does not contain greater than 1.0% of any chemical on the SARA Extremely Hazardous Substances list.

SARA Sect. 311/312 *Acute Hazard* - YES
 Chronic Hazard - YES
 Fire Hazard - YES
 Reactivity Hazard - NO

SARA Sect. 313 Benzene < 0.1% w/w
 Xylenes < 1% w/w
 Toluene < 1% w/w
 Ethylbenzene, < 0.1% w/w
 Hexane, < 1% w/w

CERCLA Mixed xylenes, benzene, toluene, ethylbenzene

- State Regulations -

CA Prop 65 WARNING! This product can expose you to chemicals including ethylbenzene, which is known to the State of California to cause cancer, and toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

**CA Cleaning
Product RTK Act** No intentionally added ingredients that require disclosure under provisions of the California Cleaning Product Right to Know Act of 2017

- Other -

16. Other Information

Revision updates may be in many sections and the MSDS should be read in its entirety.
Prepared according to the UN Globally Harmonized System for the Classification and Labeling of Chemicals (GHS) by Champion LLC, 1001 Golden Drive, Clinton, Missouri 64735.

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