Safety Data Sheet

Section 1: Identification

Product identifier

Product Name • **NAPA Echlin Fuel Tank Flush**

Product Code • 2-99105

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

Recommended use • Gasoline fuel additive

Restrictions on use • Use per the label directions

Details of the supplier of the safety data sheet

Manufacturer • Gold Eagle Co.

4400 S. Kildare Avenue
Chicago, IL 60632-4372
United States
http://www.goldeagle.com/

Telephone (General) • 773-376-4400

Emergency telephone number

Manufacturer • 1-800-535-5053 - (INFOTRAC #22283)

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • Flammable Liquids 4
Aspiration 1
Eye Irritation 2A
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
Carcinogenicity 1B
Reproductive Toxicity 2

Label elements

OSHA HCS 2012

DANGER

Hazard statements • Combustible liquid
May be fatal if swallowed and enters airways
Causes serious eye irritation
May cause drowsiness or dizziness
May cause cancer.
Suspected of damaging fertility or the unborn child.

Causes skin irritation

Precautionary statements

Prevention

- Obtain special instructions before use.
  Do not handle until all safety precautions have been read and understood.
  Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
  Avoid breathing mist/vapours/spray.
  Wash thoroughly after handling.
  Use only outdoors or in a well-ventilated area.
  Wear protective gloves/protective clothing/eye protection/face protection.

Response

- In case of fire: Use appropriate media for extinction.
  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
  Call a POISON CENTER or doctor/physician if you feel unwell.
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  If eye irritation persists: Get medical advice/attention.
  IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
  Do NOT induce vomiting.
  IF exposed or concerned: Get medical advice/attention.

Storage/Disposal

- Store in a well-ventilated place. Keep container tightly closed.
  Keep cool.
  Store locked up.
  Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Other information

NFPA

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition				
Chemical Name	**Identifiers**	**%**	**LD50/LC50**	**Classifications According to Regulation/Directive**
Distillates (petroleum), hydrotreated light	**CAS:**64742-47-8	0% TO 55%	NDA	**OSHA HCS 2012:** Flam. Liq. 4; Asp. Tox. 1; STOT SE 3: Narc.
			Ingestion/Oral-Rabbit LD50 • 300 mg/kg	

Ethylene glycol monobutyl ether	**CAS:**111-76-2	15%	Skin-Rabbit LD50 • 220 mg/kg Ingestion/Oral-Rat LD50 • 250 mg/kg	**OSHA HCS 2012:**
Petroleum Lube Oil	**CAS:**64742-65-0	<= 10%	NDA	**OSHA HCS 2012:**
Mineral oil, petroleum distillates, hydrotreated (severe) heavy paraffinic	**CAS:**64742-54-7	<= 10%	NDA	**OSHA HCS 2012:**
Proprietary additive	*Proprietary*	0% TO 10%	NDA	**OSHA HCS 2012:** Not Classified

Section 4: First-Aid Measures

Description of first aid measures

Inhalation
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin
- Remove and isolate contaminated clothing. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye
- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Get medical attention immediately.

Ingestion
- Do NOT induce vomiting. Get medical attention immediately.

Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media
- Use halon replacement or carbon dioxide extinguishers or alcohol foam for small fires. Large fires should be extinguished with alcohol foam.

Unsuitable Extinguishing Media
- Water spray or fog can cool fire but may not be effective in extinguishing fire.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- Containers may explode when heated.
  Vapor explosion hazard indoors, outdoors or in sewers.
  Combustible material: may burn but does not ignite readily.
  Many liquids are lighter than water.
  Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
  Runoff to sewer may create fire or explosion hazard.
  Vapors may form explosive mixtures with air.
  Vapors may travel to source of ignition and flash back.

Hazardous Combustion Products
- No data available

Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection.
  Wear positive pressure self-contained breathing apparatus (SCBA).

Move containers from fire area if you can do it without risk.
LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Ventilate enclosed areas. Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE) Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind evacuation for at least 300 meters (1000 feet) ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Stop leak if you can do it without risk.
  Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
  Use clean non-sparking tools to collect absorbed material.
  A vapor suppressing foam may be used to reduce vapors.
  All equipment used when handling the product must be grounded.
  LARGE SPILLS: Dike far ahead of liquid spill for later disposal.
  LARGE SPILLS: Water spray may reduce vapor; but may not prevent ignition in closed spaces.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Use only in well ventilated areas. Avoid contact with heat and ignition sources. Take precautionary measures against static charges. Do not use sparking tools. All equipment used when handling the product must be grounded. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapours, spray. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Conditions for safe storage, including any incompatibilities

Storage

- Store in a tightly closed container. Keep away from sources of ignition, flammable, oxidizing materials, and acids. Store in a well-ventilated place. Store in an area equipped with automatic sprinklers or fire extinguishing system. Empty containers contain product residues, assume emptied containers to have same hazards as full containers.

Section 8 - Exposure Controls/Personal Protection

Control parameters

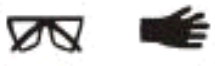
Exposure controls

Engineering Measures/Controls

- Good general ventilation 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. Use only appropriately classified electrical equipment.

Personal Protective Equipment

Pictograms

- 

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear chemical splash safety goggles.

Skin/Body

- Wear appropriate gloves.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene
NIOSH = National Institute of Occupational Safety and Health
OSHA = Occupational Safety and Health Administration
STEL = Short Term Exposure Limits are based on 15-minute exposures
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Amber to brown liquid with a solvent odor.
Color	Amber to brown.	Odor	Solvent
Odor Threshold	No data available		
General Properties			
Boiling Point	> 180 F(> 82.2222 C)	Melting Point	No data available
Decomposition Temperature	No data available	pH	Not relevant
Specific Gravity/Relative Density	= 0.862 Water=1	Water Solubility	Negligible < 0.1 %
Viscosity	3.5 Centistoke (cSt, cS) or mm2/sec @ 40 C(104 F)		
Volatility			
Vapor Pressure	< 1 mmHg (torr)	Vapor Density	No data available
Evaporation Rate	No data available	VOC (Vol.)	100 %
Volatiles (Vol.)	100 %		
Flammability			
Flash Point	> 141.5 F(> 60.8333 C)	UEL	6 %
LEL	1 %	Autoignition	No data available
Flammability (solid, gas)	Not relevant.		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Excess heat. Incompatible materials.

Incompatible materials

- Strong oxidizing agents, aluminum, zinc, or metals that displace hydrogen, rubber and rubber based coatings, acid, and perchlorates.

Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

Information on toxicological effects

GHS Properties	Classification
Acute toxicity	**OSHA HCS 2012** • No data available
Aspiration Hazard	**OSHA HCS 2012** • Aspiration 1
Carcinogenicity	**OSHA HCS 2012** • Carcinogenicity 1B
Germ Cell Mutagenicity	**OSHA HCS 2012** • No data available
Skin corrosion/Irritation	**OSHA HCS 2012** • No data available
Skin sensitization	**OSHA HCS 2012** • No data available
STOT-RE	**OSHA HCS 2012** • No data available
STOT-SE	**OSHA HCS 2012** • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
Toxicity for Reproduction	**OSHA HCS 2012** • Toxic to Reproduction 2
Respiratory sensitization	**OSHA HCS 2012** • No data available
Serious eye damage/Irritation	**OSHA HCS 2012** • Eye Irritation 2A

Potential Health Effects

Inhalation

Acute (Immediate)
- May affect the central nervous system. Symptoms may include dizziness, drowsiness, lethargy, coma and death.

Chronic (Delayed)
- No data available.

Skin

Acute (Immediate)
- Causes mild skin irritation.

Chronic (Delayed)
- No data available.

Eye

Acute (Immediate)
- Causes serious eye irritation.

Chronic (Delayed)
- No data available.

Ingestion

Acute (Immediate)
- Material may be aspirated into lungs during ingestion and/or subsequent vomiting. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death.

Chronic (Delayed)
- No data available.

Carcinogenic Effects
- Suspected of causing cancer. This product contains components that are considered carcinogenic by OSHA, IARC, NTP.

Reproductive Effects
- Animal tests for components have shown adverse reproductive effects.

Key to abbreviations
LD = Lethal Dose
TC = Toxic Concentration
TD = Toxic Dose

Section 12 - Ecological Information

Toxicity
- Non-mandatory section - information about this substance not complied for this reason.

Persistence and degradability
- Non-mandatory section - information about this substance not complied for this reason.

Bioaccumulative potential
- Non-mandatory section - information about this substance not complied for this reason.

Mobility in Soil
- Non-mandatory section - information about this substance not complied for this reason.

Other adverse effects
- Non-mandatory section - information about this substance not complied for this reason.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA

Special precautions for user
- None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications
- Acute, Chronic, Fire

Other Information

- WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

Section 16 - Other Information

Last Revision Date	• 09/June/2015
Preparation Date	• 09/June/2015
Other Information	• Schedule B Number: 3811.19.0000.
Disclaimer/Statement of Liability	• Information presented herein is believed to be factual, as it has been derived from the works and opinions of persons believed to be qualified experts. However, nothing contained in this information is to be taken as warranty or representation for which the Gold Eagle Co. bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.

Key to abbreviations

NDA = No Data Available