

## 1: Identification

- **Trade name: EUREKA® 82-U**
- **Application of the substance / the mixture** Fatliquor
- **Manufacturer/Supplier:**  
Atlas Refinery Inc  
142 Lockwood Street  
Newark, NJ 07105
- **Information department:** Atlas Refinery Laboratory
- **1.4 Emergency telephone number:** 973-589-2002

## 2: Hazards Identification

- **Classification of the substance or mixture**
- **Classification according to GHS (OSHA GHS, CLP and UN GHS)**

 GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.

 GHS07




Skin Irrit. 2 H315 Causes skin irritation.

H227 Combustible liquid.

- **Label elements**
- **Hazard Pictograms** GHS05
- **Signal Word(s)** Danger
- **Hazard-determining component of labelling:**  
Alcohols, C10-16 Ethoxylated
- **Hazard statement(s)**  
H227 Combustible liquid.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.
- **Precautionary statements**  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from flames and hot surfaces. – No smoking.  
P280 Wear protective gloves / eye protection / face protection.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a poison center/doctor.  
P321 Specific treatment (see on this label).  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3: Composition/Information on ingredients

- **3.2 Chemical characterization: Mixture**
- **Description:** Organic mixture
- **Dangerous components:**

CAS NO.	Description		
CAS: 64742-96-7 EINECS: 265-200-4 Index number: 649-406-00-5	Solvent naphta (petroleum) heavy aliph.	 Asp. Tox. 1, H304 H227	50-100%
CAS: 68002-97-1 NLP: 500-182-6	Alcohols, C10-16 Ethoxylated	 Eye Dam. 1, H318  Skin Irrit. 2, H315	≤10%

## 4: First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** See the above procedures

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**5: Fire-fighting measures**

- **Suitable extinguishing agents:**  
Use fire fighting measures that suit the environment.  
Water, CO<sub>2</sub>, foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

**6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Allow to solidify and shovel to a drum.  
Ensure adequate ventilation.
- **6.4 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**

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 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 from freezing or overheating

**8: Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.
- **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:**



Protective gloves

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.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the 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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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## · Eye protection:



Tightly sealed goggles

## \* 9: Physical and chemical properties

## · 9.1 Information on basic physical and chemical properties

## · Appearance:

Form:	Fluid
Color:	According to product specification
Odor:	Characteristic

· pH-value at temperature 20 °C: 7 (solution 10%)

· Melting point/Melting range: Undetermined.

· Boiling point/Boiling range: 179 °C

· Flash point: 80 °C

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Not determined.

· Vapor pressure at temperature 20 °C: 0.1 hPa

· Density at temperature 20 °C: 0.79 g/cm<sup>3</sup>

· Solubility in / Miscibility with Water: Not Soluble

## · Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.

## · Solvent content:

Organic solvents:	50 - 100 %
Water:	1.6 %
VOC content:	1.6 %

· 9.2 Other information No further relevant information available.

## 10: Stability and reactivity

## · 10.1 Reactivity

## · 10.2 Chemical stability

· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions No dangerous reactions known.

· 10.4 Conditions to avoid No further relevant information available.

· 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

## \* 11: Toxicological information

## · 11.1 Information on toxicological effects

## · Acute toxicity:

## · Primary irritant effect:

· on the skin: No irritant effect.

· on the eye: Strong irritant with the danger of severe eye injury.

· Sensitization: No sensitizing effects known.

## · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

## · OSHA-Ca (Occupational Safety &amp; Health Administration)

None of the ingredients is listed.

## 12: Ecological information

· Aquatic toxicity: No further relevant information available.

· 12.2 Persistence and degradability Not applicable

· 12.3 Bioaccumulative potential Not determined

· 12.4 Mobility in soil No further relevant information available.

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- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:**  
Do not allow product to reach sewage system.  
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14: Transport information

- **14.1 UN-Number** Not applicable
- **DOT, ADR** -
- **14.2 UN proper shipping name** Not applicable
- **DOT, ADR, IMDG, IATA** -
- **14.3 Transport hazard class(es)**
- **DOT, ADR** Not dangerous goods
- **Class** -
- **IMDG, IATA** Not dangerous good
- **Class** -
- **14.4 Packing group** Not applicable
- **DOT, ADR, IMDG, IATA** -
- **14.5 Environmental hazards:**
- **Marine pollutant:** Not pollutant
- **14.6 Special precautions for user** Not applicable.
- **Segregation groups** Not Allocated

### 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **US Federal Regulations**
- **Superfund Amendments and Reauthorization Act (SARA) Title III Information**

· **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **Carcinogenic Categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **US State Regulations**

· **Proposition 65**

· **Chemicals known to cause cancer**

None of the ingredients is listed.

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- **International Regulations**
- **SVHC (Substances of very high concern) according to REACH** None of the ingredient is listed
- **Inventory Status**

**· TSCA (Toxic Substances Control Act)**

All ingredients are listed.

**· IECSC (Substance Inventory of China)**

All ingredients are listed.

**· ENCS (Substance Inventory of Japan)**

All ingredients are listed.

**· EINECS**

All ingredients are listed.

**· DSL (Canadian Domestic Substance List)**

All ingredients are listed.

**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.

**· Relevant phrases**

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H318 Causes serious eye damage.

**· Department issuing SDS:** Atlas Laboratory

**· Contact:** Massimiliano La Falce

**· Date of preparation / last revision** 02/02/2015 / 9

**· Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen 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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

: Flammable liquids, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

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