SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier
  · Trade name: ODV GHB Reagent
  · Article number: 928 (1006347)

· 1.2 Relevant identified uses of the substance or mixture and uses advised against
  · NarcoPouch Gamma Hydroxybutyrate Presumptive Screening Test
  · Uses advised against: Contact manufacturer.

· 1.3 Details of the supplier of the Safety Data Sheet
  · Manufacturer/Supplier:
    Safariland, LLC
    13386 International Parkway
    Jacksonville, FL 32218
    Customer Care (800) 347-1200

· 1.4 Emergency telephone number:
  · ChemTel Inc.
    +1 (800)255-3924, +1 (813)248-0585

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture
  · Classification according to Regulation (EC) No 1272/2008
    Flam. Liq. 2 H225 Highly flammable liquid and vapour.
    STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

· 2.2 Label elements
  · Labelling according to Regulation (EC) No 1272/2008
    The product is classified and labelled according to the CLP regulation.

· Hazard pictograms
  · GHS02 GHS08

· Signal word Danger

· Hazard-determining components of labelling:
  · anilinium chloride

· Hazard statements
  · H225 Highly flammable liquid and vapour.
  · H373 May cause damage to organs through prolonged or repeated exposure.

· Precautionary statements
  · P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
    No smoking.
  · P264 Wash thoroughly after handling.
  · P280 Wear protective gloves / eye protection.

(Cont'd. on page 2)
Trade name: ODV GHB Reagent

(Cont’d. from page 1)

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 Get medical advice/attention if you feel unwell.
P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Additional information:
  Contains anilinium chloride. May produce an allergic reaction.

· NFPA ratings (scale 0 - 4)
  - Health = 1
  - Fire = 4
  - Reactivity = 0

· HMIS-ratings (scale 0 - 4)
  - Health = 1
  - Fire = 4
  - Reactivity = 0

* - Indicates a long term health hazard from repeated or prolonged exposures.

· 2.3 Other hazards
  · Results of PBT and vPvB assessment
    · PBT: Not applicable.
    · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

<table>
<thead>
<tr>
<th>Components:</th>
<th>CAS: 64-17-5</th>
<th>EINECS: 200-578-6</th>
<th>Index number: 603-002-00-5</th>
<th>ethanol</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Flam. Liq. 2, H225</td>
<td>Eye Irrit. 2, H319</td>
<td>40-60%</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components:</th>
<th>CAS: 142-04-1</th>
<th>EINECS: 205-519-8</th>
<th>Index number: 612-009-00-2</th>
<th>anilinium chloride</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331</td>
<td>Muta. 2, H341; Carc. 2, H351; STOT RE 1, H372</td>
<td>&lt; 1,0%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Eye Dam. 1, H318</td>
<td>Aquatic Acute 1, H400</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skin Sens. 1, H317</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Components:</th>
<th>CAS: 547-58-0</th>
<th>EINECS: 208-925-3</th>
<th>sodium 4-(4-dimethylaminophenylazo)benzenesulphonate</th>
<th>&lt; 1,0%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Acute Tox. 3, H301</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

· Additional information: For the wording of the listed Hazard Statements refer to section 16.

(Cont’d. on page 3)
SECTION 4: First aid measures

4.1 Description of first aid measures
- General information:
  Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Immediately rinse with water. If skin irritation continues, consult a doctor.
- After eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed
- Coughing
- Irritant to eyes.
- Dizziness
- Gastric or intestinal disorders when ingested.

Hazards:
- May be harmful if inhaled.
- Causes damage to organs through prolonged or repeated exposure.

4.3 Indication of any immediate medical attention and special treatment needed
- Treat skin and mucous membrane with antihistamine and corticoid preparations.
- Contains anilinium chloride. May produce an allergic reaction.

SECTION 5: Firefighting measures

5.1 Extinguishing media
- Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- For safety reasons unsuitable extinguishing agents: None.

5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.

5.3 Advice for firefighters
- Protective equipment:
  Wear self-contained respiratory protective device.
  Wear fully protective suit.
- Additional information:
  Eliminate all ignition sources if safe to do so.
  Use large quantities of foam as it is partially destroyed by the product.
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
For large spills, wear protective clothing.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
Ensure adequate ventilation
Keep away from ignition sources.
Protect from heat.
6.2 Environmental precautions
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
6.3 Methods and material for containment and cleaning up
Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Prevent formation of aerosols.
Use only in well ventilated areas.
Avoid splashes or spray in enclosed areas.
Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Provide ventilation for receptacles.
Avoid storage near extreme heat, ignition sources or open flame.
Information about storage in one common storage facility:
Store away from foodstuffs.
Store away from oxidising agents.
Further information about storage conditions: Keep container tightly sealed.
7.3 Specific end use(s) No further relevant information available.
SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Limit Value 1</th>
<th>Limit Value 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>64-17-5 ethanol</td>
<td>1900 mg/m³, 1000 ppm</td>
<td>1900 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>REL (USA)</td>
<td>Long-term value: 1900 mg/m³, 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>TLV (USA)</td>
<td>Short-term value: 1880 mg/m³, 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>EL (Canada)</td>
<td>Short-term value: 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>EV (Canada)</td>
<td>Long-term value: 1,900 mg/m³, 1,000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

DNELs: No further relevant information available.
PNECs: No further relevant information available.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory protection:
Not required under normal conditions of use. Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable.

Protection of hands:

Protective gloves
The glove material has to be impermeable and resistant to the product/substance/preparation. 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 cannot be calculated in advance and has therefore to be checked prior to the application.

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

Eye protection:

Safety glasses

(Cont'd. on page 6)
Trade name: ODV GHB Reagent

- **Body protection:** Protective work clothing
- **Limitation and supervision of exposure into the environment:**
  No further relevant information available.
- **Risk management measures:**
  See Section 7 for additional information.
  No further relevant information available.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- **Appearance**
  - *Form:* Liquid
  - *Colour:* Red
  - *Odour:* Alcohol-like
  - *Odour threshold:* Not determined.

- **pH-value:** Not determined.
- **Melting point/Melting range:** Not determined.
- **Boiling point/Boiling range:** Not determined.
- **Flash point:** 22 °C (72 °F) (Estimated)
- **Flammability (solid, gaseous):** Not applicable.
- **Auto/Self-ignition temperature:** Not determined.
- **Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

- **Explosion limits**
  - *Lower:* 3.5 Vol %
  - *Upper:* 15.0 Vol %

- **Vapour pressure at 20 °C (68 °F):** 59 hPa (44 mm Hg)

- **Density:** Not determined.
- **Relative density:** Not determined.
- **Vapour density:** Not determined.
- **Evaporation rate:** Not determined.

- **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity**
  - *Dynamic:* Not determined.
  - *Kinematic:* Not determined.
Trade name: ODV GHB Reagent

9.2 Other information
No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
No further relevant information available.

10.2 Chemical stability
Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions
Highly flammable liquid and vapour.
Used empty containers may contain product gases which form explosive mixtures with air.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomised.
Toxic fumes may be released if heated above the decomposition point.

10.4 Conditions to avoid
Keep ignition sources away - Do not smoke.
Store away from oxidising agents.

10.5 Incompatible materials
No further relevant information available.

10.6 Hazardous decomposition products
Carbon monoxide and carbon dioxide
Nitrogen oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity: Based on available data, the classification criteria are not met.

11.2 LD/LC50 values relevant for classification:
142-04-1 anilinium chloride
Oral LD50 840 mg/kg (rat)

Primary irritant effect
Skin corrosion/irritation: Slight irritant effect on skin and mucous membranes.
Serious eye damage/irritation: Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Carcinogenic categories
IARC (International Agency for Research on Cancer):
64-17-5 ethanol 1

NTP (National Toxicology Program):
None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration):
None of the ingredients are listed.

Probable routes of exposure:
Ingestion.

(Cont'd. on page 8)
Inhalation.
Eye contact.
Skin contact.

· **Acute effects (acute toxicity, irritation and corrosivity):**
  Vapours have narcotic effect.
  May be harmful if inhaled.
· **Repeated dose toxicity:**
  May cause damage to organs through prolonged or repeated exposure.
  Repeated exposures may result in skin and/or respiratory sensitivity.
· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
· **Carcinogenicity:** Based on available data, the classification criteria are not met.
· **Reproductive toxicity:** Based on available data, the classification criteria are not met.
· **STOT-single exposure:** Based on available data, the classification criteria are not met.
· **STOT-repeated exposure:**
  May cause damage to organs through prolonged or repeated exposure.
· **Aspiration hazard:** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

· **12.1 Toxicity**
  · **Aquatic toxicity:** No further relevant information available.
· **12.2 Persistence and degradability** No further relevant information available.
· **12.3 Bioaccumulative potential** No further relevant information available.
· **12.4 Mobility in soil** No further relevant information available.
· **Additional ecological information:**
  · **General notes:**
    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.

**SECTION 13: Disposal considerations**

· **13.1 Waste treatment methods**
  · **Recommendation**
    Must not be disposed together with household garbage. Do not allow product to reach sewage system.
    Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
    The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes. Residual materials should be treated as hazardous.
### SECTION 14: Transport information

<table>
<thead>
<tr>
<th>14.1 UN-Number</th>
<th>UN1170</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2 UN proper shipping name</td>
<td>Ethanol solutions</td>
</tr>
<tr>
<td>DOT, IATA</td>
<td>1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)</td>
</tr>
<tr>
<td>ADR</td>
<td>ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)</td>
</tr>
<tr>
<td>IMDG</td>
<td>ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)</td>
</tr>
<tr>
<td>14.3 Transport hazard class(es)</td>
<td></td>
</tr>
<tr>
<td>DOT</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>3 Flammable liquids.</td>
</tr>
<tr>
<td>Label</td>
<td>3</td>
</tr>
<tr>
<td>ADR</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>3 (F1) Flammable liquids.</td>
</tr>
<tr>
<td>Label</td>
<td>3</td>
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<tr>
<td>IMDG, IATA</td>
<td></td>
</tr>
<tr>
<td>Class</td>
<td>3 Flammable liquids.</td>
</tr>
<tr>
<td>Label</td>
<td>3</td>
</tr>
<tr>
<td>14.4 Packing group</td>
<td>II</td>
</tr>
<tr>
<td>DOT, ADR, IMDG, IATA</td>
<td></td>
</tr>
<tr>
<td>14.5 Environmental hazards:</td>
<td></td>
</tr>
<tr>
<td>Marine pollutant:</td>
<td>No</td>
</tr>
<tr>
<td>14.6 Special precautions for user</td>
<td>Warning: Flammable liquids.</td>
</tr>
<tr>
<td>Danger code (Kemler):</td>
<td>33</td>
</tr>
</tbody>
</table>
Trade name: ODV GHB Reagent

- **EMS Number:** F-E,S-D

- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**
  - Not applicable.

- **Transport/Additional information:**
  - **ADR**
  - **Limited quantities (LQ)**: 1L
  - **Excepted quantities (EQ)**
    - Code: E2
    - Maximum net quantity per inner packaging: 30 ml
    - Maximum net quantity per outer packaging: 500 ml
  - **Transport category**: 2
  - **Tunnel restriction code**: D/E
  - **IMDG**
  - **Excepted quantities (EQ)**
    - Code: E1
    - Maximum net quantity per inner packaging: 30 ml
    - Maximum net quantity per outer packaging: 1000 ml

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **United States (USA)**
  - **SARA**
    - **Section 355 (extremely hazardous substances):** None of the ingredients are listed.
  - **Section 313 (Specific toxic chemical listings):** None of the ingredients are listed.
  - **TSCA (Toxic Substances Control Act):** All ingredients are listed.
  - **Proposition 65 (California):**
    - **Chemicals known to cause cancer:**
      - 142-04-1 anilinium chloride
    - **Chemicals known to cause reproductive toxicity for females:** None of the ingredients are listed.
    - **Chemicals known to cause reproductive toxicity for males:** None of the ingredients are listed.
    - **Chemicals known to cause developmental toxicity:**
      - 64-17-5 ethanol

(Cont'd. on page 11)
Trade name: ODV GHB Reagent

- **Carcinogenic Categories**
  - **EPA (Environmental Protection Agency)**
    None of the ingredients are listed.
  - **IARC (International Agency for Research on Cancer)**
    64-17-5 ethanol
  - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
    None of the ingredients are listed.
  - **Canada**
    - **Canadian Domestic Substances List (DSL)**
      All ingredients are listed.
    - **Canadian Ingredient Disclosure list (limit 0,1%)**
      64-17-5 ethanol
    - **Canadian Ingredient Disclosure list (limit 1%)**
      None of the ingredients are listed.
  - **Directive 2012/18/EU**
    Qualifying quantity (tonnes) for the application of upper-tier requirements: 50.000 t
  - **Other regulations, limitations and prohibitive regulations**
    - **Substances of very high concern (SVHC) according to REACH, Article 57**
      None of the ingredients are listed.

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

### SECTION 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**
  - H225 Highly flammable liquid and vapour.
  - H301 Toxic if swallowed.
  - H311 Toxic in contact with skin.
  - H317 May cause an allergic skin reaction.
  - H318 Causes serious eye damage.
  - H319 Causes serious eye irritation.
  - H331 Toxic if inhaled.
  - H341 Suspected of causing genetic defects.
  - H351 Suspected of causing cancer.
  - H372 Causes damage to organs through prolonged or repeated exposure.
  - H400 Very toxic to aquatic life.

- **Abbreviations and acronyms:**
  - ADR: 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
### Trade name: ODV GHB Reagent

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)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
Flam. Liq. 2: Flammable liquids, Hazard Category 2  
Acute Tox. 3: Acute toxicity, Hazard Category 3  
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
Muta. 2: Germ cell mutagenicity, Hazard Category 2  
Carc. 2: Carcinogenicity, Hazard Category 2  
STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1  
STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2  
Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1  

### Sources

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Website: www.chemtelinc.com