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

1.1 Product identifiers
Product name: Hexane, mixture of isomers
Product Number: 178918
Brand: SIGALD

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Laboratory chemicals, Synthesis of substances

1.3 Details of the supplier of the safety data sheet
Company: Sigma-Aldrich Inc.
3050 SPRUCE ST
ST. LOUIS MO 63103
UNITED STATES
Telephone: +1 314 771-5765
Fax: +1 800 325-5052

1.4 Emergency telephone
Emergency Phone #: 800-424-9300 CHEMTREC (USA) +1-703-527-3887 CHEMTREC (International) 24 Hours/day; 7 Days/week

Section 2: Hazards identification

2.1 Classification of the substance or mixture
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
- Flammable liquids (Category 2), H225
- Skin irritation (Category 2), H315
- Reproductive toxicity (Category 2), H361
- Specific target organ toxicity - single exposure (Category 3), Central nervous system, H336
- Specific target organ toxicity - repeated exposure, Inhalation (Category 2), H373
- Aspiration hazard (Category 1), H304
- Short-term (acute) aquatic hazard (Category 2), H401
- Long-term (chronic) aquatic hazard (Category 2), H411

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements
- Pictogram
危险声明
H225 高度易燃液体和蒸汽。
H304 吞咽可能导致致命。
H315 引起皮肤刺激。
H336 可能导致困倦或眩晕。
H361 可能损害生育或未出生的婴儿。
H373 长期或反复吸入可能导致器官损伤。
H411 水生生物有毒，且具有长期影响。

预防措施声明
P201 请获得使用前的特别说明。
P202 在使用前，请确保已阅读并理解所有安全预防措施。
P210 保持远离火源/火花/明火/热表面。禁止吸烟。
P233 保持容器密封。
P240 接收设备需接地/连接到接地装置。
P241 使用防静电工具。只使用不产生火花的工具。
P242 使用防泄露/防静电的设备。
P243 采取预防措施防止静电放电。
P260 不要吸入灰尘/烟/气体/雾/蒸汽。
P264 清洗受污染部位。
P271 在室外或通风良好的区域使用。
P273 避免排放到环境中。
P280 穿戴防护手套/防护服/防护眼镜/防护面罩。
P301 + P310 如吞咽：立即联系中毒中心/医生。
P303 + P361 + P353 如皮肤或发：立即脱去所有受污染的衣物。用清水/淋浴冲洗皮肤。
P304 + P340 + P312 如吸入：将病人移到空气新鲜处，保持舒适呼吸。如感到不适，请联系中毒中心/医生。
P308 + P313 如暴露或担忧：就医。
P331 不要催吐。
P332 + P313 如皮肤刺激：就医。
P362 脱去受污染的衣物，清洗后才可重新使用。
P370 + P378 如发生火灾：使用干沙，干化学或酒精-抗泡沫剂灭火。
P391 收集泄漏。
P403 + P233 存放在通风良好的地方。保持容器密封。
P403 + P235 存放在通风良好的地方。保持凉爽。
P405 存放在安全的地方。
P501 处理后将内容物/容器送至批准的废物处理厂。

2.3 未分类或不涵盖GHS的危险
- 无

3.3 成分/信息
3.2 混合物
同义词：己烷
异己烷

MilliporeSigma
Molecular weight : 86.18 g/mol

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>Index-No.</th>
<th>Registration number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>n-Hexane</strong></td>
<td>Flam. Liq. 2; Skin Irrit. 2; Repr. 2; STOT SE 3; STOT RE 2; Asp. Tox. 1; Aquatic Acute 2; Aquatic 3; H225, H315, H361, H336, H373, H304, H401, H411</td>
<td>50 - &lt; 70 %</td>
<td>110-54-3</td>
<td>203-777-6</td>
<td>601-037-00-0</td>
<td>XXXX</td>
</tr>
<tr>
<td><strong>Hexanes, isomers</strong></td>
<td>Flam. Liq. 2; Skin Irrit. 2; Repr. 2; STOT SE 3; Asp. Tox. 1; Aquatic Chronic 2; H225, H315, H361, H336, H373, H304, H401, H411</td>
<td>20 - &lt; 30 %</td>
<td>92112-69-1</td>
<td>295-570-2</td>
<td>601-037-00-0</td>
<td></td>
</tr>
<tr>
<td><strong>methylcyclopentane</strong></td>
<td>Flam. Liq. 2; Asp. Tox. 1; H225, H304</td>
<td>10 - &lt; 20 %</td>
<td>96-37-7</td>
<td>202-503-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2-Methylpentane</strong></td>
<td>Flam. Liq. 2; Skin Irrit. 2; STOT SE 3; Asp. Tox. 1; Aquatic Acute 2; Aquatic Chronic 2; H225, H315, H361, H336, H373, H304, H401, H411</td>
<td>1 - &lt; 5 %</td>
<td>107-83-5</td>
<td>203-523-4</td>
<td>601-007-00-7</td>
<td></td>
</tr>
<tr>
<td><strong>3-methylpentane</strong></td>
<td>Flam. Liq. 2; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; Asp. Tox. 1; Aquatic Acute 2; Aquatic Chronic 2; H225, H315, H319, H336, H304, H401, H411</td>
<td>1 - &lt; 5 %</td>
<td>96-14-0</td>
<td>202-481-4</td>
<td>601-007-00-7</td>
<td></td>
</tr>
</tbody>
</table>

For the full text of the H-Statements mentioned in this Section, see Section 16.

**SECTION 4: First aid measures**

**4.1 Description of first-aid measures**

**General advice**
Consult a physician. Show this material safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Flush eyes with water as a precaution.

If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed
No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media
   Suitable extinguishing media
   Dry powder
   Dry sand

   Unsuitable extinguishing media
   Do NOT use water jet.

5.2 Special hazards arising from the substance or mixture
   Carbon oxides
   Combustible.

5.3 Advice for firefighters
   Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
   Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
   Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
   For personal protection see section 8.

6.2 Environmental precautions
   Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up
   Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
6.4 Reference to other sections
For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Advice on protection against fire and explosion
Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions
Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Moisture sensitive.

Storage class
Storage class (TRGS 510): 3: Flammable liquids

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with workplace control parameters

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Value</th>
<th>Control parameters</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Hexane</td>
<td>110-54-3</td>
<td>TWA</td>
<td>50 ppm</td>
<td>USA. ACGIH Threshold Limit Values (TLV)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Remarks</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>50 ppm 180 mg/m³</td>
<td>USA. NIOSH Recommended Exposure Limits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>500 ppm 1,800 mg/m³</td>
<td>USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL</td>
<td>50 ppm 180 mg/m³</td>
<td>California permissible exposure limits for chemical contaminants (Title 8, Article 107)</td>
</tr>
</tbody>
</table>

Skin
<table>
<thead>
<tr>
<th>Hexanes, isomers</th>
<th>92112-69-1</th>
<th>TWA</th>
<th>500 ppm</th>
<th>USA, ACGIH Threshold Limit Values (TLV)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>USA, ACGIH Threshold Limit Values (TLV)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>100 ppm</td>
<td>USA, NIOSH Recommended Exposure Limits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C</td>
<td>510 ppm</td>
<td>USA, NIOSH Recommended Exposure Limits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL</td>
<td>500 ppm</td>
<td>California permissible exposure limits for chemical contaminants (Title 8, Article 107)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>California permissible exposure limits for chemical contaminants (Title 8, Article 107)</td>
</tr>
<tr>
<td>2-Methylpentane</td>
<td>107-83-5</td>
<td>TWA</td>
<td>500 ppm</td>
<td>USA, ACGIH Threshold Limit Values (TLV)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>USA, ACGIH Threshold Limit Values (TLV)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>500 ppm</td>
<td>USA, Table Z-1-A Limits for Air Contaminants (1989 vacated values)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>USA, Table Z-1-A Limits for Air Contaminants (1989 vacated values)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>100 ppm</td>
<td>USA, NIOSH Recommended Exposure Limits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C</td>
<td>510 ppm</td>
<td>USA, NIOSH Recommended Exposure Limits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL</td>
<td>500 ppm</td>
<td>California permissible exposure limits for chemical contaminants (Title 8, Article 107)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>California permissible exposure limits for chemical contaminants (Title 8, Article 107)</td>
</tr>
<tr>
<td>3-Methylpentane</td>
<td>96-14-0</td>
<td>TWA</td>
<td>500 ppm</td>
<td>USA, ACGIH Threshold Limit Values (TLV)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>USA, ACGIH Threshold Limit Values (TLV)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>100 ppm</td>
<td>USA, NIOSH Recommended Exposure Limits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C</td>
<td>510 ppm</td>
<td>USA, NIOSH Recommended Exposure Limits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PEL</td>
<td>500 ppm</td>
<td>California permissible exposure limits for chemical contaminants (Title 8, Article 107)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>California permissible exposure limits for chemical contaminants (Title 8, Article 107)</td>
</tr>
</tbody>
</table>
8.2 Exposure controls

**Appropriate engineering controls**
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Personal protective equipment**

**Eye/face protection**
Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

- **Full contact**
  - Material: Nitrile rubber
  - Minimum layer thickness: 0.4 mm
  - Break through time: 480 min
  - Material tested: Camatril® (KCL 730 / Aldrich Z677442, Size M)

- **Splash contact**
  - Material: Nitrile rubber
  - Minimum layer thickness: 0.4 mm
  - Break through time: 480 min
  - Material tested: Camatril® (KCL 730 / Aldrich Z677442, Size M)

- **Body Protection**
  - Complete suit protecting against chemicals, Flame retardant antistatic protective clothing.
  - The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

- **Respiratory protection**
  - Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole...
means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance
   Form: liquid
b) Odor
   No data available
c) Odor Threshold
   No data available
d) pH
   No data available
e) Melting point/freezing point
   Melting point/range: -95 °C (-139 °F)
f) Initial boiling point and boiling range
   68 - 70 °C 154 - 158 °F at 1,013 hPa
g) Flash point
   -23 °C (-9 °F)
h) Evaporation rate
   No data available
i) Flammability (solid, gas)
   No data available
j) Upper/lower flammability or explosive limits
   Upper explosion limit: 7.5 %(V)
   Lower explosion limit: 1.1 %(V)
k) Vapor pressure
   No data available
l) Vapor density
   No data available
m) Density
   0.672 g/cm3
   Relative density
   No data available
n) Water solubility
   No data available
o) Partition coefficient: n-octanol/water
   No data available
p) Autoignition temperature
   225 °C (437 °F)
q) Decomposition temperature
   No data available
r) Viscosity
   No data available
s) Explosive properties
   Not classified as explosive.
t) Oxidizing properties
   None

9.2 Other safety information
No data available
SECTION 10: Stability and reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Vapors may form explosive mixture with air.

10.4 Conditions to avoid
Heat, flames and sparks.

10.5 Incompatible materials
Oxidizing agents, Strong oxidizing agents

10.6 Hazardous decomposition products
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Mixture

Acute toxicity
Oral: No data available
Inhalation: No data available
Dermal: No data available

Acute toxicity estimate Dermal - 3,846 mg/kg (Calculation method)
No data available

Skin corrosion/irritation
Remarks: No data available

Serious eye damage/eye irritation
Remarks: No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
Reproductive toxicity
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

11.2 Additional Information
Prolonged or repeated contact with skin may cause:, defatting, Dermatitis, Contact with eyes can cause:, Redness, Blurred vision, Provokes tears., Effects due to ingestion may include:, Gastrointestinal discomfort, Central nervous system depression, Lung irritation, chest pain, pulmonary edema
Liver - Irregularities - Based on Human Evidence

Components
n-Hexane

Acute toxicity
LD50 Oral - Rat - male and female - 16,000 mg/kg
(OECD Test Guideline 401)
LC50 Inhalation - Rat - 4 h - 172 mg/l - vapor
Remarks: (RTECS)
LD50 Dermal - Rabbit - male - > 2,000 mg/kg
(OECD Test Guideline 402)
Remarks: (ECHA)

Skin corrosion/irritation
Skin - Rabbit
Result: Skin irritation - 24 h
(OECD Test Guideline 404)

Serious eye damage/eye irritation
Eyes - Rabbit
Result: No eye irritation - 72 h
(OECD Test Guideline 405)

Respiratory or skin sensitization
Local lymph node assay (LLNA) - Mouse
Result: negative
(OECD Test Guideline 429)

Germ cell mutagenicity
No data available
Test Type: Ames test
Test system: Salmonella typhimurium
Result: negative
Species: Mouse - male
Result: negative
Remarks: (ECHA)
Carcinogenicity
No data available

Reproductive toxicity
Overexposure may cause reproductive disorder(s) based on tests with laboratory animals. Suspected human reproductive toxicant Suspected of damaging fertility. Suspected of damaging fertility.

Specific target organ toxicity - single exposure
May cause drowsiness or dizziness. - Central nervous system
Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

Specific target organ toxicity - repeated exposure
Inhalation - May cause damage to organs through prolonged or repeated exposure.
- Nervous system
Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

Aspiration hazard
May be fatal if swallowed and enters airways. Aspiration hazard, Aspiration may cause pulmonary edema and pneumonitis.

Hexanes, isomers

Acute toxicity
Oral: No data available
Inhalation: No data available
Dermal: No data available

Skin corrosion/irritation
Remarks: Causes skin irritation.
Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)
The value is given in analogy to the following substances: 2-Methylpentane

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
No data available

Reproductive toxicity
Suspected of damaging fertility.

Specific target organ toxicity - single exposure
May cause drowsiness or dizziness.
Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)
The value is given in analogy to the following substances: 2-Methylpentane

Specific target organ toxicity - repeated exposure
No data available
**Aspiration hazard**  
May be fatal if swallowed and enters airways.

**methylcyclopentane**  
**Acute toxicity**  
Oral: No data available  
Inhalation: No data available  
Dermal: No data available  
**Skin corrosion/irritation**  
No data available  
**Serious eye damage/eye irritation**  
No data available  
**Respiratory or skin sensitization**  
No data available  
**Germ cell mutagenicity**  
No data available  
**Carcinogenicity**  
No data available  
**Reproductive toxicity**  
No data available  
**Specific target organ toxicity - single exposure**  
No data available  
**Specific target organ toxicity - repeated exposure**  
No data available  
**Aspiration hazard**  
Aspiration hazard, Aspiration may cause pulmonary edema and pneumonitis.

**2-Methylpentane**  
**Acute toxicity**  
Oral: No data available  
Inhalation: No data available  
Dermal: No data available  
No data available  
**Skin corrosion/irritation**  
Remarks: No data available  
**Serious eye damage/eye irritation**  
Remarks: No data available  
**Respiratory or skin sensitization**  
No data available  
**Germ cell mutagenicity**  
No data available  
**Carcinogenicity**  
No data available
Reproductive toxicity
No data available

Specific target organ toxicity - single exposure
May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
May be fatal if swallowed and enters airways.

3-methylpentane

Acute toxicity
Oral: No data available
Inhalation: No data available
Dermal: No data available

Skin corrosion/irritation
Remarks: No data available

Serious eye damage/eye irritation
Remarks: No data available

Respiratory or skin sensitization
Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

Germ cell mutagenicity
No data available

Carcinogenicity
No data available

Reproductive toxicity
No data available

Specific target organ toxicity - single exposure
May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity
Mixture
No data available

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
No data available
12.4 Mobility in soil  
No data available

12.5 Results of PBT and vPvB assessment  
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Endocrine disrupting properties  
No data available

12.7 Other adverse effects  
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

Components

**n-Hexane**  
Toxicity to fish  
LC50 - Pimephales promelas (fathead minnow) - 2.5 mg/l - 96 h  
Remarks: (ECOTOX Database)

Toxicity to daphnia and other aquatic invertebrates  
EC50 - Daphnia magna (Water flea) - 2.1 mg/l - 48 h  
Remarks: (Lit.)

**Hexanes, isomers**  
No data available

**methylcyclopentane**  
No data available

**2-Methylpentane**  
No data available

**3-methylpentane**  
No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

**Product**  
Contact a licensed professional waste disposal service to dispose of this material. Offer surplus and non-recyclable solutions to a licensed disposal company. Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable.

**Contaminated packaging**  
Dispose of as unused product.
**SECTION 14: Transport information**

**DOT (US)**
- UN number: 1208  Class: 3  Packing group: II
- Proper shipping name: Hexanes
- Reportable Quantity (RQ):
  - Poison Inhalation Hazard: No

**IMDG**
- UN number: 1208  Class: 3  Packing group: II  EMS-No: F-E, S-D
- Proper shipping name: HEXANES
- Marine pollutant: yes
- Marine pollutant: yes

**IATA**
- UN number: 1208  Class: 3  Packing group: II
- Proper shipping name: Hexanes

**SECTION 15: Regulatory information**

**SARA 302 Components**
- This material does not contain any components with a section 302 EHS TPQ.

**SARA 313 Components**
- The following components are subject to reporting levels established by SARA Title III, Section 313:
  - | Component          | CAS-No. | Revision Date |
  - |---------------------|---------|---------------|
  - | n-Hexane            | 110-54-3| 2020-07-14    |

**SARA 311/312 Hazards**
- Fire Hazard, Acute Health Hazard, Chronic Health Hazard

**Massachusetts Right To Know Components**
  - | Component          | CAS-No. | Revision Date |
  - |---------------------|---------|---------------|
  - | n-Hexane            | 110-54-3| 2020-07-14    |
  - | methylcyclopentane  | 96-37-7 | 1993-04-24    |
  - | 2-Methylpentane     | 107-83-5| 1993-04-24    |
  - | 3-methylpentane     | 96-14-0 | 1993-04-24    |

**Pennsylvania Right To Know Components**
  - | Component          | CAS-No. | Revision Date |
  - |---------------------|---------|---------------|
  - | n-Hexane            | 110-54-3| 2020-07-14    |
  - | methylcyclopentane  | 96-37-7 | 1993-04-24    |
  - | 2-Methylpentane     | 107-83-5| 1993-04-24    |

SIGALD - 178918  
Page 15 of 16
3-methylpentane 96-14-0 1993-04-24

**California Prop. 65 Components**
- 3-methylpentane
- Hexane

CAS-No. 110-54-3
Revision Date 2017-12-29

**SECTION 16: Other information**

**Further information**
Copyright 2020 Sigma-Aldrich Co. LLC. License granted to make unlimited paper copies for internal use only.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

The branding on the header and/or footer of this document may temporarily not visually match the product purchased as we transition our branding. However, all of the information in the document regarding the product remains unchanged and matches the product ordered. For further information please contact mlsbranding@sial.com.

Version: 6.10  Revision Date: 02/07/2023  Print Date: 07/29/2023