

## Offer Sheet

Product	Hexane
Quantity	24 drums – 6 pallets
Net weight	42,624 lbs.
Manufacture date	
Availability	One time
Location	North Chicago, IL 60064
Date	1/28/26
COA and SDS	Attached below



**Brian Svrusis**  
Solvent Systems International  
575 Bennett Road  
Elk Grove Village, IL 60007  
847-323-6718 call or text  
Click here for: [Surplus Inventory](#)  
[Solvent-Systems.com](#)

**Hexane ( $C_6H_{14}$ )** is a **non-polar aliphatic hydrocarbon solvent** (straight-chain paraffin). Commercial hexane is often a **mixture of hexane isomers** (n-hexane plus methylpentanes) sold as **extraction or industrial hexane**.

Key properties driving its use:

- very strong solvency for **oils, fats, waxes, resins, and hydrocarbons**
- low boiling point (~69 °C) → **fast evaporation**
- immiscible with water

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## Major commercial uses for Hexane

### 1) Edible oil extraction (largest global use)

Hexane is the **primary solvent** for extracting vegetable oils from seeds and grains:

Common feedstocks:

- soybeans
- canola/rapeseed
- corn germ
- sunflower seeds
- cottonseed

Used in:

- cooking oil production
- margarine/shortening raw materials
- food ingredient oils

**Why:** very high oil solubility + easy recovery by evaporation.

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### 2) Industrial solvent in adhesives and sealants

Used to dissolve:

- rubber
- contact cement formulations
- hydrocarbon resins
- certain polymers

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### 3) Cleaning and degreasing solvent

Used in:

- metal parts cleaning
- electronics degreasing
- precision equipment cleaning
- removal of oils, greases, and residues

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### 4) Polymer and rubber processing

Used as a solvent in:

- rubber cements
- elastomer solutions
- polymer testing and processing

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### 5) Chemical reaction solvent and carrier

Used in chemical manufacturing as:

- a **reaction medium** for non-polar chemistry
- a **diluent/carrier solvent**

Common in:

- pharmaceuticals
- specialty chemicals
- agrochemical synthesis

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### 6) Laboratory and analytical solvent

Used for:

- chromatography (mobile phase component)
- sample extraction
- analytical procedures

Lower volume but high purity grades.

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### 7) Printing inks and coatings (limited but real use)

Used in some:

- specialty inks
- solvent blends for coatings

Mostly where fast evaporation and non-polar solvency are required.

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## Typical industries buying hexane

- edible oil processors
- food ingredient manufacturers
- adhesive producers
- rubber and tire manufacturers
- metal finishing companies
- chemical manufacturers
- laboratories

## Certificate of Analysis

SHIP TO: ABBVIE, INC. CUSTOMER PO #: 4300265615 bo  
EMAIL: EMCO ORDER #: SC0303300

ATTN: QC LAB EMCO CUST #: 121009  
BILL TO: ABBVIE, INC. CODE: RMS.S.35420  
PRODUCT: Hexane SHIP DATE: 11/19/2024  
EPC #: 10005D02 LOT #: 521115H22  
MFR NAME: CITGO MFR DATE: 10/28/2024  
MFR SITE: LEMONT, IL EXP DATE: 10/28/2028

TEST DESCRIPTIONS	SPECIFICATIONS	TEST RESULTS
SPECIFIC GRAVITY @ 25°C	0.689 MAX	0.6771
COLOR (APHA)	10 MAX	PASS
NONVOLATILE RESIDUE (G/100ML)	0.0036 MAX	0.0000
APPEARANCE	CLEAR & FREE	PASS
GC PURITY	> 99.0 %	PASS
CLARITY	NO TURBIDITY OR SUSPENDED MATERIAL	PASS

BY: D. Dilts  
CHEMIST  
11/18/2024

Attached to: CH-One V-963765-10.0-0350  
*Eric Campbell* Eric Campbell



100873045

QC-TL03

NC - Raw - IQA Review

Material Number: 20032550

HEXANES

Batch: 1002900589 Qty: 0.000 G

Vendor batch: 521115H22

Temp. Conditions: <=40C (<=104F)

**VERIFIED BY**  
Jocelyn LaBuda

*Eric Campbell*  
21 NOV 2024

*Jocelyn LaBuda* 25 NOV 2024

**Certificate of Analysis**

SHIP TO: ABBVIE, INC. CUSTOMER PO #: 4300265615  
EMAIL: EMCO ORDER #: SC0302275

ATTN: QC LAB EMCO CUST #: 121009  
BILL TO: ABBVIE, INC. CODE: RMS.S.35420  
PRODUCT: Hexane SHIP DATE: 11/06/2024  
EPC #: 10005D02 LOT #: 521105H37  
MFR NAME: CITGO MFR DATE: 11/5/2024  
MFR SITE: LEMONT, IL EXP DATE: 11/5/2028

TEST DESCRIPTIONS	SPECIFICATIONS	TEST RESULTS
SPECIFIC GRAVITY @ 25°C	0.689 MAX	0.6751
COLOR (APHA)	10 MAX	PASS
NONVOLATILE RESIDUE (G/100ML)	0.0036 MAX	0.0000
APPEARANCE	CLEAR & FREE	PASS
GC PURITY	> 99.0 %	PASS
CLARITY	NO TURBIDITY OR SUSPENDED MATERIAL	PASS

BY: O. Palomares  
CHEMIST  
11/5/2024

Attached to: CP-Onv-963765 -10.0-0350

*Eric Campbell* 25NOV2024 Eric Campbell



100873150

NC – Raw – IQA Review

Material Number: 20032550

HEXANES

Batch: 1002900592 Qty: 0.000 G

Vendor batch: 521105H37

Temp. Conditions: < =40C (< =104F)

*Eric Campbell*  
25NOV2024

**VERIFIED BY**

Jocelyn LaBuda

*Jocelyn LaBuda* 25NOV2024

**Certificate of Analysis**

SHIP TO:	ABBVIE, INC	CUSTOMER PO #:	4300255411 BO
EMAIL:		EMCO ORDER #:	SC0303239
ATTN:	QC LAB	EMCO CUST #:	121009
BILL TO:	ABBVIE, INC	CODE:	RMS.S.35420
PRODUCT:	HEXANE	SHIP DATE:	11/18/2024
EPC #:	10005D01	LOT #:	520904H7
MFR NAME:	CITGO	MFR DATE:	8/27/2024
MFR SITE:	LEMONT, IL	EXP DATE:	8/27/2028

TEST DESCRIPTIONS	SPECIFICATIONS	TEST RESULTS
SPECIFIC GRAVITY @ 25°C	0.689 MAX	0.6771
COLOR (APHA)	10 MAX	PASS
NONVOLATILE RESIDUE (G/100ML)	0.0036 MAX	0.0000
APPEARANCE	CLEAR & FREE	PASS
GC PURITY	> 99.0 %	PASS
CLARITY	NO TURBIDITY OR SUSPENDED MATERIAL	PASS

BY: D. Dilts  
CHEMIST  
11/15/2024

Attached to: CP-Onex-963765-100-0351

8.10 22 Nov 2024

Carlos Pacheco



100873035

QC-TL03

NC - Raw - IQA Review

Material Number: 20032550

HEXANES

Batch: 1002894714 Qty: 0.000 G

Vendor batch: 520904H7

Temp. Conditions: < = 40C (< = 104F)

8.10  
22 Nov 2024

**VERIFIED BY**

Jocelyn LaBuda

Jocelyn LaBuda 22 Nov 2024

**Certificate of Analysis**

SHIP TO: ABBVIE, INC. CUSTOMER PO #: 4300205620  
EMAIL: EMCO ORDER #: SC0268991

ATTN: QC LAB EMCO CUST #: 121009  
BILL TO: ABBVIE, INC. CODE: RMS.S.35420  
PRODUCT: Hexane SHIP DATE: 02/06/2024  
EPC #: 10005D02 LOT #: 520205H31  
MFR NAME: CITGO MFR DATE: 2/5/2024  
MFR SITE: Lemont, IL EXP DATE: 2/5/2028

**VERIFIED BY**  
*Opn 21 Feb 2024*  
**Carlos Pacheco**

TEST DESCRIPTIONS	SPECIFICATIONS	TEST RESULTS
SPECIFIC GRAVITY @ 25°C	0.689 MAX	0.6783
COLOR (APHA)	10 MAX	PASS
NONVOLATILE RESIDUE (G/100ML)	0.0036 MAX	0.0000
APPEARANCE	CLEAR & FREE	PASS
GC PURITY	> 99.0 %	PASS
CLARITY	NO TURBIDITY OR SUSPENDED MATERIAL	PASS

BY: O. Palomares  
CHEMIST  
2/6/2024



100755610 NC - Raw - IQA Review

Material Number: 20032550

HEXANES

Batch: 1001073525 Qty: 0.000 G

Vendor batch: 520205H31

Temp. Conditions: <=40C (<=104F)

I-Lot: 010002835409 Batch: 1001073525  
NC-Raw Materials Lab  
Material: 20032550 Amount:  
Lab Location: 1195\_QC-TL63 300 ml  
HEXANES Storage:  
NC-Raw Materials Lab tight cont, NMT 40C\*  
GLCA2024002669  
Run#:  
10818449 Misc Raw Material  
520205H31



10818449

Attached to: Op-0011-963765-10.0-0033  
*Jocelyn LaBuda 16 FEB 2024*

# SAFETY DATA SHEET

Version 8.1  
Revision Date 07/11/2024  
Print Date 03/01/2025

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

### 1.1 Product identifiers

Product name : Hexane

Product Number : 52765

Brand : Sigma-Aldrich

Index-No. : 601-037-00-0

CAS-No. : 110-54-3

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

Identified uses : Laboratory chemicals, Synthesis of substances

Uses advised against : The product is being supplied under the TSCA R&D Exemption (40 CFR Section 720.36). It is the recipient's responsibility to comply with the requirements of the R&D exemption. The product may not be used for a non-exempt commercial purpose under TSCA unless appropriate consent is granted in writing by MilliporeSigma.

### 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



P391	Collect spillage.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

## 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

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## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Synonyms	: n-Hexane
Formula	: C6H14
Molecular weight	: 86.18 g/mol
CAS-No.	: 110-54-3
EC-No.	: 203-777-6
Index-No.	: 601-037-00-0

Component	Classification	Concentration
<b>n-Hexane</b>		
	Flam. Liq. 2; Skin Irrit. 2; Repr. 2; STOT SE 3; STOT RE 2; Asp. Tox. 1; Aquatic Acute 2; Aquatic Chronic 2; H225, H315, H361, H336, H373, H304, H401, H411 Concentration limits: >= 5 %: STOT RE 2, H373; >= 20 %: STOT SE 3, H336;	<= 100 %

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

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## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

#### General advice

Show this material safety data sheet to the doctor in attendance.

#### If inhaled

After inhalation: fresh air. Call in physician.

#### In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.

**In case of eye contact**

After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

**If swallowed**

After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Pulmonary failure possible after aspiration of vomit. Call a physician immediately.

**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

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**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>) Foam Dry powder

**Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

**5.2 Special hazards arising from the substance or mixture**

Carbon oxides

Combustible.

Pay attention to flashback.

Vapors are heavier than air and may spread along floors.

Development of hazardous combustion gases or vapours possible in the event of fire.

Forms explosive mixtures with air at ambient temperatures.

**5.3 Advice for firefighters**

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

**5.4 Further information**

Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition.

Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.

**6.2 Environmental precautions**

Do not let product enter drains. Risk of explosion.

### 6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.

### 6.4 Reference to other sections

For disposal see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Advice on safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

#### Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

#### Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

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. Keep away from heat and sources of ignition.

#### 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

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with workplace control parameters

Component	CAS-No.	Value	Control parameters	Basis
n-Hexane	110-54-3	TWA	50 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Danger of cutaneous absorption		

	TWA	50 ppm 180 mg/m <sup>3</sup>	USA. NIOSH Recommended Exposure Limits
	TWA	500 ppm 1,800 mg/m <sup>3</sup>	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
	PEL	50 ppm 180 mg/m <sup>3</sup>	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
	Skin		

#### **Biological occupational exposure limits**

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
n-Hexane	110-54-3	2,5-Hexanedione	0.5 mg/l	Urine	ACGIH - Biological Exposure Indices (BEI)
Remarks					End of shift

## **8.2 Exposure controls**

#### **Appropriate engineering controls**

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.

#### **Personal protective equipment**

##### **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

##### **Skin protection**

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

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)

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: [www.kcl.de](http://www.kcl.de)).

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 10 min

Material tested:KCL 741 Dermatril® L

## **Body Protection**

Flame retardant antistatic protective clothing.

## **Respiratory protection**

Recommended Filter type: Filter A (acc. to DIN 3181) for vapours of organic compounds

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer.

These measures have to be properly documented.

required when vapours/aerosols are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

## **Control of environmental exposure**

Do not let product enter drains. Risk of explosion.

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## **SECTION 9: Physical and chemical properties**

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

a) Appearance	Form: liquid Color: colorless
b) Odor	hydrocarbon-like
c) Odor Threshold	No data available
d) pH	7.0
e) Melting point/freezing point	Melting point/ range: -95 °C (-139 °F)
f) Initial boiling point and boiling range	69 °C 156 °F
g) Flash point	-22 °C (-8 °F) - closed cup - c.c.
h) Evaporation rate	15.8
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	Upper explosion limit: 8.1 %(V) Lower explosion limit: 1.0 %(V)
k) Vapor pressure	175.98 hPa at 20.0 °C (68.0 °F)
l) Vapor density	No data available
m) Density	0.659 g/mL at 25 °C (77 °F)
Relative density	No data available
n) Water solubility	0.01 g/l at 25 °C (77 °F) - slightly soluble
o) Partition coefficient: n-octanol/water	log Pow: ca.4 at 20 °C (68 °F) - (Lit.), Potential bioaccumulation
p) Autoignition	225 °C (437 °F) at 1,013 hPa

temperature

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

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Vapors may form explosive mixture with air.

Vapors may form explosive mixture with air.

### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

The product is chemically stable under standard ambient conditions (room temperature) .

### 10.3 Possibility of hazardous reactions

Risk of explosion with:

Violent reactions possible with:

Strong oxidizing agents

nitrogen oxides

halogens

rubber

various plastics

Risk of ignition or formation of inflammable gases or vapours with:

Peroxides

(sodium salt)

### 10.4 Conditions to avoid

Warming.

Warming.

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

In the event of fire: see section 5

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### **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)

#### **Skin corrosion/irritation**

Skin - Rabbit  
Result: Skin irritation - 24 h  
(OECD Test Guideline 404)  
Remarks: (Regulation (EC) No 1272/2008, Annex VI)

#### **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**

Test Type: Ames test  
Test system: *Salmonella typhimurium*  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative  
Test Type: In vitro mammalian cell gene mutation test  
Test system: Mouse lymphoma test  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 476  
Result: negative

Test Type: dominant lethal test  
Species: Mouse

Application Route: inhalation (vapor)  
Method: OECD Test Guideline 478  
Result: negative

Test Type: Chromosome aberration test  
Species: Rat  
Cell type: Bone marrow  
Application Route: Gavage  
Method: OECD Test Guideline 475  
Result: negative

## **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**

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**

Aspiration may cause pulmonary edema and pneumonitis.

## **11.2 Additional Information**

Repeated dose toxicity - Rat - male and female - Oral - 13 Weeks - NOAEL (No observed adverse effect level) - 40 mg/kg - LOAEL (Lowest observed adverse effect level) - 200 mg/kg

RTECS: MN9275000

Drowsiness, irritant effects, somnolence  
narcosis, Nausea, Tiredness, CNS disorders, paralysis symptoms

Risk of corneal clouding.

It generally applies for aliphatic hydrocarbons with 6 - 18 carbon atoms that they may cause pneumonia, in some cases also pulmonary oedema, upon direct inhalation, i.e. in conditions that can occur only in very special circumstances (nebulizations, spraying, inhalation of aerosols and similar). After absorption of very large quantities: narcosis.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

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.)

### **12.2 Persistence and degradability**

Sigma-Aldrich - 52765

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Biodegradability      aerobic - Exposure time 28 d  
                            Result: 98 % - Readily biodegradable.  
                            (OECD Test Guideline 301F)  
                            Remarks: (in analogy to similar products)

### 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

No data available

## **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

## Product

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

## **SECTION 14: Transport information**

**DOT (US)**

UN number: 1208 Class: 3 Packing group: II  
Proper shipping name: Hexanes  
Reportable Quantity (RQ): 5000 lbs  
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

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

Sigma-Aldrich - 52765

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The life science business of Merck KGaA, Darmstadt, Germany operates as MilliporeSigma in the US and Canada.

**MILLIPORE  
SIGMA**

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## SECTION 15: Regulatory information

### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
n-Hexane	110-54-3	5000	5000

### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Fire Hazard  
Acute Health Hazard  
Chronic Health Hazard

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

n-Hexane 110-54-3 >= 90 - <= 100 %

### Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

n-Hexane 110-54-3 >= 90 - <= 100 %

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

### Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

### US State Regulations

#### Massachusetts Right To Know

n-Hexane 110-54-3

#### Pennsylvania Right To Know

n-Hexane 110-54-3

#### Maine Chemicals of High Concern

Product does not contain any listed chemicals

Sigma-Aldrich - 52765

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The life science business of Merck KGaA, Darmstadt, Germany  
operates as MilliporeSigma in the US and Canada

**Millipore**  
**Sigma**

**Vermont Chemicals of High Concern**

Product does not contain any listed chemicals

**Washington Chemicals of High Concern**

Product does not contain any listed chemicals

**California Prop. 65**

WARNING: This product can expose you to chemicals including n-Hexane, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**The ingredients of this product are reported in the following inventories:**

TSCA : All substances listed as active on the TSCA inventory

**TSCA list**

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

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**SECTION 16: Other information****Further information**

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