

## 1. Product and Company Identification

<b>Product Code:</b>	00122	
<b>Product Name:</b>	CASE SLICK	
<b>Company Name:</b>	SIERRA CHEMICAL COMPANY 888 NORTHPORT DRIVE WEST SACRAMENTO, CA 95691	<b>Phone Number:</b> (916)371-5943
<b>Emergency Contact:</b>	CERTS (Exposure emergencies only)	(800)552-3787
<b>Information:</b>	Sales & Information -	(706)673-6421

## 2. Hazards Identification

Skin Corrosion/Irritation, Category 2  
 Toxic To Reproduction, Category 2  
 Specific Target Organ Toxicity (single exposure), Category 3  
 Specific Target Organ Toxicity (repeated exposure), Category 2  
 Aspiration Toxicity, Category 1  
 Aquatic Toxicity (Acute), Category 2  
 Aquatic Toxicity (Chronic), Category 2  
 Flammable Liquids, Category 2



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H225 - Highly flammable liquid and vapor.  
 H304 - May be fatal if swallowed and enters airways.  
 H315 - Causes skin irritation.  
 H336 - May cause drowsiness or dizziness.  
 H361 - Suspected of damaging fertility or the unborn child .  
 H373 - May cause damage to through prolonged or repeated exposure.  
 H401 - Toxic to aquatic life.  
 H411 - Toxic to aquatic life with long lasting effects.

**GHS Precaution Phrases:** P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 P233 - Keep container tightly closed.  
 P241 - Use explosion-proof electrical/ventilating/lighting/.../ equipment.  
 P242 - Use only non-sparking tools.  
 P243 - Take precautionary measures against static discharge.  
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
 P264 - Wash hands thoroughly after handling.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P281 - Use personal protective equipment as required.  
 P235 - Keep cool.

**GHS Response Phrases:** P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
 P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+313 - IF exposed or concerned: Get medical attention/advice.  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
 P314 - Get medical attention/advice if you feel unwell.  
 P331 - Do NOT induce vomiting.  
 P332+313 - If skin irritation occurs, get medical advice/attention.  
 P362 - Take off contaminated clothing and wash before re-use.  
 P391 - Collect spillage.

**GHS Storage and Disposal Phrases:**

P403+233 - Store container tightly closed in well-ventilated place.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container to trash after rinsing container.

**Potential Health Effects (Acute and Chronic):**

Hazards not otherwise classified (HNOC) or not covered by GHS.

**Inhalation:**

The toxicological properties of this substance have not been fully investigated.

**Skin Contact:**

May cause skin irritation. May cause contact dermatitis.

**Eye Contact:**

May cause eye irritation.

**Ingestion:**

May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

**3. Composition/Information on Ingredients**

CAS #	Hazardous Components (Chemical Name)	Concentration
110-54-3	n-Hexane {Hexyl hydride; Hexane}	<90.0 %
NA	( Trade Secret )	<15.0 %

**4. First Aid Measures**

**Emergency and First Aid Procedures:**

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**In Case of Inhalation:**

If breathed in, move person into fresh air. Consult a physician. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.

**In Case of Skin Contact:**

Wash off with soap and plenty of water. Consult a physician. Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**In Case of Eye Contact:**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

**In Case of Ingestion:**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

**Signs and Symptoms Of Exposure:**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Indication of any immediate medical attention and special treatment needed:**

No data available.

**Note to Physician:**

None known.

## 5. Fire Fighting Measures

<b>Flash Pt:</b>	-7.00 F Method Used: Cleveland Closed Cup
<b>Explosive Limits:</b>	LEL: N.D. UEL: N.D.
<b>Autoignition Pt:</b>	NA
<b>Suitable Extinguishing Media:</b>	Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Water or foam may cause frothing.
<b>Fire Fighting Instructions:</b>	Wear self contained breathing apparatus for fire fighting if necessary. Further information. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
<b>Flammable Properties and Hazards:</b>	Carbon oxides.
<b>Hazardous Combustion Products:</b>	

## 6. Accidental Release Measures

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
<b>Environmental Precautions:</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Provide ventilation.

## 7. Handling and Storage

<b>Precautions To Be Taken in Handling:</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2. Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
<b>Precautions To Be Taken in Storing:</b>	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. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
110-54-3	n-Hexane {Hexyl hydride; Hexane}	PEL: 500 ppm	TLV: 50 ppm	
NA	( Trade Secret )			

# SAFETY DATA SHEET

## CASE SLICK

<b>Respiratory Equipment (Specify Type):</b>	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. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.
<b>Eye Protection:</b>	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). Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
<b>Protective Gloves:</b>	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. Wear appropriate protective gloves to prevent skin exposure.
<b>Other Protective Clothing:</b>	Complete suit protecting against chemicals. Wear appropriate protective clothing to prevent skin exposure.
<b>Engineering Controls (Ventilation etc.):</b>	Use adequate ventilation to keep airborne concentrations low.
<b>Work/Hygienic/Maintenance Practices:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>Environmental Exposure Controls:</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## 9. Physical and Chemical Properties

<b>Physical States:</b>	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid
<b>Appearance and Odor:</b>	Clear liquid. solvent odor.
<b>pH:</b>	NP
<b>Melting Point:</b>	NA - 44.00 C
<b>Boiling Point:</b>	
<b>Flash Pt:</b>	-7.00 F    Method Used: Cleveland Closed Cup
<b>Evaporation Rate:</b>	> 1 (H2O=1)
<b>Flammability (solid, gas):</b>	
<b>Explosive Limits:</b>	LEL: N.D.    UEL: N.D.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	
<b>Vapor Density (vs. Air = 1):</b>	> 1 N/A
<b>Specific Gravity (Water = 1):</b>	~ 0.655 - 0.665    at 20.0 C
<b>Solubility in Water:</b>	Nil
<b>Octanol/Water Partition Coefficient:</b>	
<b>Autoignition Pt:</b>	NA
<b>Decomposition Temperature:</b>	
<b>Viscosity:</b>	Water thin

## 10. Stability and Reactivity

**Reactivity:** No data available.

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** No data available. Incompatible materials.

**Incompatibility - Materials To Avoid:** Oxidizing agents, Strong oxidizing agents.

**Hazardous Decomposition or Byproducts:** Other decomposition products: No data available. In the event of fire: see section 5. irritating and toxic fumes and gases, acrid smoke and fumes.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** No data available.

## 11. Toxicological Information

**Toxicological Information:** Germ cell mutagenicity. No data available.  
Reproductive toxicity. Aspiration hazard: Epidemiology: Not regulated under U.S. Department of Transportation regulations (29 CFR)  
Teratogenicity: No information available.  
Reproductive Effects: Neurotoxicity: Other Studies:

**Irritation or Corrosion:** Skin corrosion/irritation. No data available. Serious eye damage/eye irritation:

**Sensitization:** No data available.

**Chronic Toxicological Effects:** Specific target organ toxicity - single exposure: No data available.  
Specific target organ toxicity - repeated exposure:

**Carcinogenicity/Other Information:** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component 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 identified as a carcinogen or potential carcinogen by OSHA. CAS# 8006-54-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
110-54-3	n-Hexane {Hexyl hydride; Hexane}	n.a.	n.a.	n.a.	n.a.
NA	( Trade Secret )	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

**Results of PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Product.  
 Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.  
 Contaminated packaging. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
 RCRA P-Series: None listed.  
 RCRA U-Series: None listed.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Flammable liquids, n.o.s. contains hexane  
**DOT Hazard Class:** 3 FLAMMABLE LIQUID  
**UN/NA Number:** UN1993 **Packing Group:** II



**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Not regulated under U.S. Department of Transportation regulations (29 CFR)

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Hexanes. mixture.

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
110-54-3	n-Hexane {Hexyl hydride; Hexane}	No	Yes 5000 LB	Yes
NA	( Trade Secret )	No	No	No

**Other US EPA or State Lists**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
110-54-3	n-Hexane {Hexyl hydride; Hexane}	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No
NA	( Trade Secret )	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No

**16. Other Information**

Revision Date: 09/03/2015

Hazard Rating System:

HEALTH		2
FLAMMABILITY		3
PHYSICAL		0
PPE		B

HMIS:

**Additional Information About  
This Product:**

**Company Policy or  
Disclaimer:**

THE INFORMATION CONTAINED HEREIN is based upon available information at the time of preparation and is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that the information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or any other user proximately caused by the material if misused or if reasonable safety procedures are not adhered to as stipulated in the data sheet and on the product label. Furthermore, vendor assumes no responsibility for injury or damage caused by abnormal use of this material even if reasonable safety measures are followed.