



**MSDS
MATERIAL SAFETY DATA SHEET**

**CONDENSATE
MSDS # 105**

Effective Date: May-2010

Manufacturer/Supplier: Hunt Oil Company 1900 North Akard Street Dallas, Texas 75201-2300 214-978-8000	Emergency Health Information: CHEMTREC (for transport emergencies):	(713) 420-2600 800-424-9300 (USA) 202-483-7616 (Outside the USA)
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Important Components:	<u>Component</u>	<u>CAS #</u>	<u>Range % by Wt.</u>
	Natural gas condensate	64741-47-5	100
	Benzene	71-43-2	1-5
	Hydrogen sulfide	7783-06-4	0 – 10

Warning Statement:	Danger! Extremely flammable. Vapor may contain hydrogen sulfide (H ₂ S) gas. Vapor harmful or fatal. Can cause skin irritation on prolonged or repeated contact. Harmful or fatal if liquid is aspirated into lungs. Benzene: cancer hazard NFPA Codes: (Health;2) (Flammability;4) (Reactivity;0), Chronic Hazard
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Appearance and odor:	Clear liquid.
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HEALTH HAZARD INFORMATION

EYE	SKIN
Effect: Causes eye irritation.	Effect: Prolonged or repeated contact can defat skin and lead to irritation and/or dermatitis.
First Aid: Flush eyes with plenty of water.	First Aid: Wash exposed skin with soap and water. Remove contaminated clothing including shoes, thoroughly clean and dry before reuse.
Protection: None required; however, use of eye protection is good industrial practice.	Protection: Avoid skin contact. Wear protective clothing and gloves. Wash thoroughly after handling.

INHALATION	INGESTION
Effect: Toxic gases can be given off. Can be harmful or fatal if vapors are inhaled. Cancer hazard. Causes respiratory irritation. See Toxicology Section.	Effect: Low viscosity product. Harmful or fatal if aspirated into lungs. See Toxicology section.
First Aid: If worker is overcome, rescuer must wear supplied air breathing apparatus to remove worker to uncontaminated area. Give artificial respiration if not breathing. Give oxygen if breathing is difficult. Get immediate medical attention.	First Aid: If swallowed, drink plenty of water. DO NOT induce vomiting. Get immediate medical attention.
Protection: If ventilation is inadequate, use NIOSH/MSHA certified respirator which will protect against organic/vapor mist. If operating conditions cause high vapor concentration or TLV is exceeded, use supplied air respirator.	

FIRE AND EXPLOSION INFORMATION

Extinguishing Media:	Agents approved for Class B hazards (e.g., dry chemical, carbon dioxide, foam, steam or water fog)
Unusual Fire and Explosion Hazards:	Flammable liquid. Vapor may explode if ignited in enclosed area.
Precautions:	Keep away from ignition sources (e.g., heat, sparks and open flames). Use with adequate ventilation. Ground and bond all lines and equipment.
Flammability Classification:	Flammable liquid.
Flashpoint:	-40°C (-40°F) (varies, approximation)

ACCIDENTAL RELEASE MEASURES

Remove or shut off all sources of ignition. Contain and remove by mechanical means.

REACTIVITY INFORMATION

Stability: Stable

CHEMICAL AND PHYSICAL PROPERTIES

Solubility in Water:	Negligible, below 0.1%
Specific Gravity (Water = 1):	0.71, approximate
Viscosity:	0.35 cP @ 50°F; 0.24 cP @ 125°F
Pour Point:	-70°F, approximate

STORAGE AND ENVIRONMENTAL PROTECTION

Storage Requirements:	Store in flammable liquids storage area.
Spills and Leaks:	Remove or shut off all sources of ignition. Contain and remove by mechanical means.
Disposal:	Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.
Special Precautions:	Avoid strong oxidizers.

TOXICOLOGICAL INFORMATION

Aspiration of this product into the lungs can cause chemical pneumonia and can be fatal. Aspiration can occur while vomiting after ingestion of this product.

Hydrogen sulfide (H₂S) gas may accumulate in storage tanks and bulk transport compartments containing petroleum crudes or condensates. Prolonged breathing (greater than one hour) of concentrations of H₂S around 20 ppm can produce eye and respiratory tract irritation, levels of 250 to 600 ppm will result in fluid in the lungs, and concentrations around 1,000 ppm will cause unconsciousness and death in a short period of time. The sense of smell rapidly becomes insensitive to this toxic, colorless gas and the odor of condensate may mask the odor of H₂S. Therefore, odor cannot be relied upon as an indicator of concentration of the gas. Always exercise caution when working around containers of condensate.

Materials of this type have been shown to produce kidney damage in male rats following prolonged inhalation exposures. Following extensive research, this effect appears to be unique to the rat and of little or no relevance in terms of human health risk.

Condensates contain small variable amounts of Benzene. Chronic exposure to high levels of benzene has been shown to cause cancer (leukemia) and other adverse blood effects in humans.

ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

Transport Information

Proper Shipping Name	Petroleum Crude Oil
DOT Hazard Classification	3
Label Required	Label as required by the OSHA Hazard Communication standard (29 CFR 1910.1200(f)), and applicable state and local regulations

REGULATORY INFORMATION

Clean Water Act (Oil Spills)	Any spill or release of this product to "navigable waters" or adjoining shorelines sufficient to cause a visible sheen or deposit of a sludge or emulsion must be reported immediately to the National Response Center (1-800-424-8802) as required by U.S. Federal Law. Also contact appropriate state and local authorities.
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SARA 311 Categories	The Following EPA Hazard Categories apply to this product: Immediate (Acute) Health Effects, Delayed (Chronic) Health Effects, Fire hazard
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NOTICE

This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet, which we received from sources outside our Company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.