



Material Safety Data Sheet

CITRISOLV II

Gurtler Industries, Inc.
15475 South LaSalle Street
South Holland, IL 60473
(708) 331-2550
(800) 638-7300

In Case Of Emergency (24 hours)
INFOTRAC (800) 535-5053

For Information
(708) 331-2550

SECTION 1 - IDENTIFICATION

COMPANY NAME:	Gurtler Industries, Inc. 15475 South LaSalle Street South Holland, IL 60473
PHONE NUMBER:	708-331-2550
EMERGENCY NUMBER:	INFOTRAC (800) 535-5053 - 24 Hours Everyday
EFFECTIVE DATE:	1/26/2004
PREPARED BY:	Steven Tinker
TRADE NAME:	Citrisolv II
GENERAL USE:	Laundry Emulsifier

SECTION 2 - INGREDIENT INFORMATION

OSHA HAZARDOUS COMPONENTS (29CFR1910.1200)	CAS REGISTRY NUMBER	PEL (OSHA)	TLV (ACGIH) (Units)	HAZARDOUS %
4-Isopropenyl-1-methylcylahexene	5989-27-5	N.E.	N.E.	15-25
Nonylphenoxypolyethoxyethanol	9016-45-9	N.E.	N.E.	30-45
Aliphatic Hydrocarbon	64742-47-8	100 ppm	100 ppm	40-60
Glycol Ethers ¹	None	N.E.	N.E.	<3.0

¹ This material is subject to the reporting requirements of Section 313 of Title III of the 1986 Superfund Amendments and Reauthorization Act (SARA) and 40 CFR Part 372.

SECTION 3 - HEALTH HAZARD DATA

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (H.M.I.S.) HAZARD RATINGS

Hazard Rating Scale	0-None	1-Slight	2-Moderate	3-Serious	4-Severe
HMIS Health.....	2				
HMIS Reactivity	0				
HMIS Flammability.....	2				

EMERGENCY OVERVIEW

Appearance/Odor..... Light yellow/amber liquid with a citrus odor.

EFFECTS OF ACUTE OVEREXPOSURE

Eye Contact..... This material is an eye irritant. Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing, redness and swelling.

Skin Contact..... This material is a skin irritant. Direct contact with this material may cause redness and burning, drying and cracking of the skin and skin damage. Repeated contact may cause an allergic skin response. Contact may result in skin absorption, but symptoms of toxicity are not anticipated by this route alone under normal conditions of use. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

Inhalation While this material has a low degree of toxicity, breathing high concentrations of vapors or mists may cause irritation of the nose and throat, headache and signs of nervous system depression (e.g., dizziness, drowsiness, loss of coordination and fatigue). Respiratory symptoms associated with pre-existing lung disorders (e.g., asthma-like conditions) may be aggravated by exposure to this material.



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Ingestion While this material has a low degree of toxicity, ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression (e.g., dizziness, drowsiness, loss of coordination and fatigue). Aspiration hazard – this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

Comments..... This substance has not been identified as a carcinogen by NTP, IARC, or OSHA. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as solvent or painters' syndrome). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

SECTION 4 - FIRST AID MEASURES

IN CASE OF EYE CONTACT: Move victim away from exposure to vapors and into fresh air. If irritation or redness develops, seek medical attention. For direct contact, hold eyelids apart and flush the affected eye(s) with clean water for at least 15 minutes. Seek medical attention.

IN CASE OF SKIN CONTACT: Remove contaminated clothing and flush affected area(s) with large amounts of water. If skin surface is damaged, apply a clean dressing and seek medical attention. If skin surface is not damaged, cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops, seek medical attention.

IF INHALED: If respiratory symptoms or other symptoms of exposure develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If victim is not breathing, artificial respiration should be administered. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

IF INGESTED: Aspiration hazard – do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If victim is drowsy or unconscious, place on the left side with the head down. If possible, do not leave victim unattended. Seek medical attention.

COMMENTS: If an allergic reaction to this material develops, avoid any further contact.

SECTION 5 - FIREFIGHTING MEASURES

Flash Point 146°F (63°C) TCC

Flammable Limits N.E.

Lower Flame Limit N.E.

Higher Flame Limit N.E.

Extinguish Media Carbon dioxide, foam, dry chemical, water spray.

Special Procedures The use of self-contained breathing apparatus and protective clothing is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

Unusual Fire Hazard Product is combustible and may be ignited by heat or flame. Product will burn, but will not ignite readily. If container is not properly cooled, it may explode in fire.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

For Spill Stay upwind and away from spill. Wear appropriate safety equipment. Combustible; keep all ignition sources away from spill. Take up spilled material with sand or other non-combustible material, then flush area with water.

Waste Disposal Method Dispose of product in accordance with all local, state and federal environmental regulations.

SECTION 7 - HANDLING AND STORAGE

Handling & Storage Store closed in a cool, dry, and properly ventilated location. Keep away from ignition sources and strong oxidizers. Take normal precautions associated with combustible materials.

Other Precautions As with all chemicals, direct contact should be kept to a minimum.

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SECTION 8 - PERSONAL PROTECTION

Respiratory Protection..... Normally not required, but if vapor concentration becomes high, use NIOSH/MSHA approved self-contained air mask.
Ventilation Local Exhaust: As required to prevent respiratory symptoms. Mechanical: Normally adequate.
Protective Gloves Chemical solvent resistant
Eye Protection..... Chemical goggles
Other Protective Equipment Impervious clothing to prevent skin contact.
Work/Hygienic Practices A safety eyewash and shower should be available near handling areas.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	>300°F	Freezing Point (F).....	N/A
Vapor Pressure (mm Hg.)	N.E.	Melting Point.....	N/A
Evaporation Rate	N.E.	Vapor Density (AIR =1)	N.E.
Solubility in H ₂ O	Negligible	Specific Gravity (H ₂ O=1)	0.894

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability..... Stable
Conditions to Avoid Heat, flame
Incompatible Materials Strong oxidizers and acids.
Decomposition Products Combustion may yield carbon dioxide, carbon monoxide and other unknown hydrocarbons.
Hazardous Polymerization May occur

SECTION 11 - OTHER INFORMATION

For help in a chemical transportation emergency, call INFOTRAC: 1-800-535-5053

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