



MATERIAL SAFETY DATA SHEET

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MANUFACTURER'S IDENTIFICATION:

Color Crown Corporation
928 E. Sligh Ave.
Seffner, FL 33584

EMERGENCY TELEPHONE NUMBER
Chemtrek (800) 424-9300
TELEPHONE NUMBER FOR INFORMATION
(813) 655-4880
Date Prepared: April 20, 2001

Name: **LIQUID RELEASE**
Chemical Family: Aliphatic Hydrocarbon
Formula: N/A
DOT Class: Non-regulated by CFR 49 part 173.150, when shipped by ground

NFPA RATING		HAZARD RATING	
Health	0	4=Severe	
Flammability	2	3=Serious	
Reactivity	0	2=Moderate	
		1=Slight	
		0= Minimal	

SECTION ONE – COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	WEIGHT %	ACGIH TLV	PEL	STEL
Hydrotreated Light Distillates (petroleum)	64742-47-8	100%		500 ppm	

SECTION TWO – HAZARD IDENTIFICATION

*****EMERGENCY OVERVIEW*****

- *Warning: Combustible Liquid and Vapor
 - *This product is clear, hydrocarbon liquid
 - *It has a solvent petroleum odor. The product floats on water.
 - *The Flash Point is > 100 degrees F.
 - *Keep away from heat, sparks, and flame.
 - *When burned, the product produces carbon monoxide and other asphyxiates during combustion.
 - *Avoid breathing vapor. Harmful if inhaled and may cause delayed lung injury.
 - *Aspiration hazard if swallowed – can enter lungs and cause damage.
 - *Use ventilation adequate to keep vapor below recommended exposure limits.
 - *Avoid contact with eyes, skin and clothing. Material splashed into the eyes will irritate tissues. Gently flush material from eyes with clean water.
 - *Unprotected exposure to this product will cause skin dryness.
 - *Remove product soaked clothing and wash with mild soap. Wash thoroughly after handling.
 - *As with any petroleum product, avoid mixing this product with strong oxidizers.
 - *This product is not listed on the NTP, IARC, OSHA, or ACGIH lists of suspected or confirmed carcinogens.
 - *This product may be toxic to fish but will be toxic to birds and wildlife through ingestion during pelage cleaning.
 - *This product is readily biodegradable in the presence of air and sunlight.
 - *Spilled material is slippery and may cause falls.
- *****END OF EMERGENCY OVERVIEW*****

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTE(S) OF ENTRY: Skin

EYES:

Tests on similar materials suggest acute irritation to be expected.

SKIN:

Tests on similar materials indicate acute irritation is expected to occur upon short-term exposure, chronic dermatitis on prolonged contact.

INGESTION:

ACUTE ASPIRATION HAZARD. Tests on similar materials indicate possibility of the following symptoms: headache, nausea, drowsiness, fatigue, pneumonitis, pulmonary edema, central nervous system depression, convulsions and loss of consciousness.

INHALATION:

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Tests on similar material indicate the possibility of the following symptoms: headache, nasal and respiratory irritation, nausea, drowsiness, breathlessness, fatigue, central nervous system depression, convulsions, and loss of consciousness.

CHRONIC (CANCER INFORMATION):

Prolonged and/or repeated contact with this material may produce skin irritation and inflammation.

Carcinogen listed by: National Toxicology Program (NO)

CHRONIC (CANCER INFORMATION) – Continued

I.A.R.C. (NO)

OSHA (NO)

ACGIH (NO)

This product does not require a cancer hazard warning in accordance with the OSHA Hazard Communication Standard.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Personnel with pre-existing skin disorders should avoid contact with this product.

SECTION THREE – FIRST AID INFORMATION

EYES

Flush eyes immediately with water for at least 15 minutes or until irritation subsides, occasionally lifting lower and upper lids. Get medical attention promptly.

SKIN

Wash thoroughly with soap and water. Immediately remove contaminated clothing and wash before reuse. If irritation or rash develops, obtain medical assistance. Immediately remove soaked clothing.

INGESTION

CALL PHYSICIAN IMMEDIATELY. Do not induce vomiting except at the instruction of a physician. Never give anything by mouth to an unconscious person.

INHALATION

Remove patient to fresh air and consult a physician. If breathing is difficult, give oxygen. If not breathing give artificial respiration.

SECTION FOUR – FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: >142°F >61°C

AUTOIGNITION: >600°F >316°C

FLAMMABILITY CLASS: IIIA

LOWER EXPLOSIVE LIMIT (%): 0.7 Vol % (estimated)

UPPER EXPLOSIVE LIMIT (%): 6 Vol % (estimated)

FIRE AND EXPLOSION HAZARD

Material is combustible.

EXTINGUISHING MEDIA

Dry chemical, carbon dioxide, and foam. **CAUTION:** Water stream may spread fire.

FIRE FIGHTING INSTRUCTIONS

Use water spray only to cool containers exposed to flames. Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). If leak or spill has not ignited, use water spray to disperse the vapors. Products of combustion include fumes, smoke and carbon monoxide.

SECTION FIVE – ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES:

Notify emergency response personnel. Evacuate area and remove ignition sources. Build dike to contain flow. Remove free liquid. Shut off ignition source. Report spills as required to appropriate authorities. U.S. Coast Guard regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to Coast Guard toll free number (800) 424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:

Absorb on inert material. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal.

ENVIRONMENTAL PRECAUTIONS:

Prevent spills from entering storm sewers or drains and contact with soil.

PERSONAL PRECAUTIONS:

See Section 7

SECTION SIX – HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS:

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Store as OSHA Class IIIA combustible liquid. Keep away from flames, sparks, or hot surfaces. Never use a torch to cut or weld on or near container. Empty oil containers can contain explosive vapors. Wash thoroughly after handling. Do not store with strong oxidizers.

STORAGE PRECAUTIONS:

Empty containers retain product residue (liquid and vapor) and can be dangerous.

Storage Temperature: ambient

Storage Pressure: atmospheric

WORK/HYGIENIC PRACTICES

Wash hands with soap and water before eating, drinking, smoking or use of toilet facilities. Take a shower after work if general contact occurs.

Remove oil-soaked clothing and launder before reuse. Launder or discard contaminated shoes and leather gloves.

SECTION SEVEN – EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS

Use adequate ventilation to keep oil mists of this material below applicable standard(s). See Section on occupational exposure limits.

EYE/FACE PROTECTION

Safety glasses, splash goggles, or face shield as appropriate. Have suitable eye water wash available.

SKIN PROTECTION

Avoid prolonged and/or repeated skin contact. If prolonged contact cannot be avoided, wear protective impervious gloves and clothing. Acceptable materials for gloves are neoprene, nitrile; viton.

OTHER/GENERAL PROTECTION

If there is a likelihood of splashing, an oil resistant clothing should be worn. Never wear oil soaked clothing. Launder or dry clean before wearing. Discard oil soaked shoes. Affix warning labels on containers in accordance with 29 CFR 1910.1200 (Hazard Communication Standard).

Loading, unloading, tank gauging, etc., remain upwind. Request assistance of safety and industrial hygiene personnel to determine air concentrations.

INGREDIENT NAME, CAS#, EXPOSURE LIMITS. PERCENT BY VOLUME

Hudrotreated Light Distillate Petroleum Distillate (Naphtha)

CAS NUMBER: 64742-47-8, OSHA TWA-100ppm, 100%

SECTION EIGHT– PHYSICAL AND CHEMICAL PROPERTIES

Product CAS Number 64742-47-8

APPEARANCE: Clear Liquid

ODOR: Kerosene

ODOR THRESHOLD: N.D.

BASIC PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid

BOILING POINT: IBP >356°F IBP > 180° C

MELTING POINT: N/A°F N/A°C

VAPOR PRESSURE: 1 mm Hg @ 68°F

VAPOR DENSITY: (air = 1) 6

SPECIFIC GRAVITY @ 60°F (water = 1): 0.78

MOLECULAR WEIGHT: 159.00

SOLUBILITY (H2O): negligible in water

PERCENT VOLATILES: 100

VISCOSITY: 1.3 cst @ 100°F

Physical data may vary slightly to meet specifications.

SECTION NINE – STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID (STABILITY)

Sources of ignition.

INCOMPATIBLE MATERIALS

Strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS

Incomplete combustion may produce carbon monoxide and other asphyxiants.

HAZARDOUS POLYMERIZATION

Will not occur.

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SECTION TEN – TOXICOLOGICAL INFORMATION
ACUTE STUDIES**EYE EFFECTS:**

Slight irritation on contact

SKIN EFFECTS:

May cause irritation or dermatitis with prolonged and repeated contact.

ACUTE ORAL EFFECTS

Tests on similar materials indicates an order of acute oral toxicity

ACUTE INHALATION EFFECTS

Acute toxicity expected on inhalation

This product is not listed as carcinogenic or a potential carcinogen by the National Toxicology Program, by the I.A.R.C. monographs or by OSHA. Therefore, if the precautions outlined in this bulletin are followed to minimize repeated or prolonged skin contact which could cause irritation, these oils should pose no carcinogenic hazard to humans. Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Nevertheless, good industrial hygienic practices are recommended.

SECTION ELEVEN – ECOLOGICAL INFORMATION

If applied to leaves, this product may kill grasses and small plants by interfering with transpiration and respiration. This product is not toxic to fish but may coat gill structures resulting in suffocation if spilled in shallow, running water. Product may be moderately toxic to amphibians by preventing dermal respiration. This product may cause gastrointestinal distress to birds and mammals through ingestion during pelage grooming.

This product is rapidly biodegradable. Biodegradation is possible within 90 to 120 days in aerobic environments at temperatures above 70°F (21°C).

SECTION TWELVE – DISPOSAL CONSIDERATIONS

Product as supplied does not meet the characteristics of a hazardous waste as defined in 40 CFR 261.21-24. If mixed with other products, waste mixture must be characterized. DO NOT dispose of this product in drains or storm sewers. DO NOT dispose of this product in a landfill without prior solidification. Waste product should be recycled. Consider waste brokering.

SECTION THIRTEEN – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Petroleum Distillates, n.o.s., Combustible Liquid, UN1268, PG III

HAZARD CLASS: Combustible Liquid

DOT IDENTIFICATION NUMBER: UN1268

DOT PROPER SHIPPING LABEL: Flammable or Combustible

SECTION FOURTEEN – REGULATORY INFORMATION**U.S. FEDERAL REGULATORY INFORMATION**

SARA 302 Threshold Planning Quantity: NOT APPLICABLE

SARA 304 Reportable Quantity: NOT APPLICABLE

SARA TITLE III – Section 311/312 Hazard classes:

-Immediate/Acute Health Effects: Yes

-Delayed/Chronic Health Effects: No

-Fire Hazard: Yes

-Sudden Release of Pressure Hazard: No

-Reactivity Hazard: No

EPA/TSCA Inventory: The components of this product are listed on the EPA/TSCA inventory of chemicals.

SARA TITLE III – Section 313 Supplier notification:

The following chemicals are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and reauthorization Act of 1986 and 40 CFR Part 372: Naphthalene CAS# 91-20-3 Up to 0.5 weight % 1,2,4 – Trimethylbenzene CAS# 95-63-6 Up to 0.5 weight % Xylene CAS# 1330-20-7 Up to 0.5 weight %

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA): No chemicals in this product are subject to the reporting requirements of CERCLA Section 101(14) (F). When this product is used in a mixture, The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

or as an ingredient in another product, or in a manufacturing operation, the petroleum exclusion may terminate and an accidental spill may require reporting to the National Response Center.

CANADIAN REGULATORY INFORMATION

The components of this product are/are not listed on the Canadian (DSL) Domestic Substances List.

EUROPEAN (ECC) REGULATORY INFORMATION

The components of this product are/are listed on the European Inventory of Existing Commercial Substances.
EINECS#

SECTION FIFTEEN – OTHER INFORMATION

SUPERCEDES MSDS DATED: 08/29/2001

Revised: 09/07/03

Section: Change from PDF format to ANSI, Change to Combustible Template, Change Proper Shipping Name

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