



SAFETY DATA SHEET

CCL KC RED

Revision Date 3/08/2017

SECTION - 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME CCL KC RED **ITEM** 52355

PRODUCT USE Automotive Solvent

COMPANY NAME CCL Supply **Office** (877) 588-8999
 900 N. Hwy Y **Fax**
 Plattsburg MO 64477 **Web** www.cclsupply.com

EMERGENCY TELEPHONE NUMBER **INFOTRAC (800) 535-5053**

SECTION - 2 HAZARDS INFORMATION

Physical Hazards FLAMMABLE LIQUIDS-Category 2
Health Hazards EYES-Category 2A; SKIN-Category 2; STOT SINGLE EXPOSURE-Category 3; ASPIRATION-Category 1
Environmental ACUTE-Aquatic Toxicity-Category 2; CHRONIC-Aquatic Toxicity-Category 2



Flammables



Irritant (skin and eye)
Narcotic Effects



Aspiration Toxicity

DANGER Highly flammable liquid and vapor
 Causes serious eye irritation, Causes skin irritation, May be fatal if swallowed and enters airways, May cause drowsiness or dizziness
 Vapors may cause flash fire, Keep away from heat, sparks, open flames or hot surfaces, Use only non-sparking tools, Take precautionary measures against static discharge, May be harmful if swallowed, Do not get in eyes, on skin, or clothing, and avoid inhalation of mist, vapor or fumes, Do not smoke, eat or drink while using, Use only outdoors or in a well-ventilated area, Use proper Safety Equipment, Wash thoroughly with soap and water after handling, Avoid release into the environment

SECTION - 3 COMPOSITION INFORMATION (Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

CHEMICAL NAME	COMMON NAME AND SYNONYMS	CAS #	IMPURITIES	PERCENT
Heptane	Comm Heptane, Heptane (B) Borger Low Aromatic Heptane, branched, cyclic and linear	426260-76-6	n-Heptane < 4%	70-95%
Isopropyl Alcohol	Isopropanol, 2-propanol	67-63-0	Water < 1%	1-20%

SECTION - 4 FIRST AID MEASURES

EYE CONTACT Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids. Remove contact lenses if present and easy to do without injury to the eye and continue rinsing. If irritation persists obtain medical attention, preferably from an ophthalmologist

SKIN CONTACT Immediately wash contaminated skin with a nonabrasive soap and plenty of water for at least 15 minutes. Remove any contaminated clothing and wash before reuse. If irritation is present or occurs obtain medical attention

INHALATION Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention

INGESTION DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out with water. Contact a physician or poison control center immediately. If vomiting occurs, keep head below hips to prevent aspiration into the lungs

Aspiration Hazard Aspiration into the lungs can cause severe lung damage and is a medical emergency, If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into the lungs, Never give anything by mouth to an unconscious person. Call a physician or hospital emergency room immediately

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause eye irritation, redness, tearing, or pain
Skin Can cause skin irritation, drying or cracking
Inhalation Mist, vapor or fumes may cause, headache, dizziness, drowsiness, fatigue, central nervous system depression
Ingestion Can cause irritation, of the mouth, throat, and esophagus, Can be harmful if swallowed and enters airways

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Can cause serious eye irritation, redness, tearing, pain, or possible corneal injury
Skin Causes skin irritation, redness, burning, drying, cracking, defatting of the skin which may lead to dermatitis
Inhalation Mist or vapor may cause irritation, to respiratory tract, Symptoms may include, headache, dizziness, drowsiness, fatigue, central nervous system depression, and may affect target organs
Ingestion May be harmful if swallowed, May affect target organs, May be fatal if swallowed and enters airways, Ingestion can affect, liver, kidneys, respiratory system, central nervous system

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media SUITABLE: Use DRY chemicals, CO2, alcohol foam. Water spray to cool or protect exposed materials
 UNSUITABLE: Avoid using a water stream. Product will float upon water and could spread any fire

Hazardous Decomposition Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes

Reactive With Reactive with, strong oxidizing agents, strong bases, strong acids, ammonia

Explosion Hazards May explode if ignited in an enclosed area. Flashback along vapor trail may occur

Static Discharge Expected to ignite product

Mechanical Impact Not expected to ignite product

Protective Equipment Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures Warn personnel to move away and stay upwind from spill

Personal Precautions Eliminate ignition sources and ventilate area

Protective Equipment Safety Glasses, Chemical Gloves, Approved Respirator, Chemical Apron and Rubber Boots

Containment Cover or dike any floor drains with an inert material to prevent product from entering the environment, Use sand or inert non-combustible absorbent pads to prevent spill from spreading

Clean Up Procedures Use sand or inert non-combustible absorbent pads or material and place in a chemical waste disposal container

Disposal Dispose of material in accordance with all State and Federal Guidelines and Regulations

SECTION – 7 HANDLING AND STORAGE

Handling DANGER, HIGHLY FLAMMABLE LIQUID, Keep away from incompatible materials, heat, sparks, electrical equipment, fire and all ignition sources, Use appropriate safety equipment, and adequate ventilation, Avoid eye and skin contact, Avoid inhalation of mist, vapors or fumes, May cause drowsiness or dizziness, May be harmful if swallowed, Do not smoke, eat or drink while using, Wash thoroughly after handling, Avoid release to the environment, Use only non-sparking tools, Avoid free fall of liquid, Ground containers when transferring, Empty containers are very hazardous, Do not flame cut, saw or drill. Refer to NFPA-704 and/or API RP 2003 for specific bonding and grounding requirements, Consulting with a Safety Equipment Supplier is recommended

Storage Keep container closed when not in use, Store in a well-ventilated area and away from incompatible materials, Store away from heat, sparks, open flames or hot surfaces, Vapors may spread long distances and ignite explosively, Store below 49°C (120°F) and in accordance with Class 1B Flammable Liquids (GHS Category 2)

Incompatible Materials Incompatible with, strong oxidizing agents, strong bases, strong acids, ammonia

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Significant Exposure
Heptane	400 ppm	500 ppm	400 ppm (1600 mg/m ³)	500 ppm (2000 mg/m ³)	CNS
Isopropyl Alcohol	200 ppm (A4)	400 ppm	400 ppm	400 ppm	CNS

PERSONAL PROTECTIVE EQUIPMENT



Chemical Safety Glasses, Goggles or Face Shield



Impervious Chemical Gloves



MSHA / NIOSH Approved Respirator At or Above Listed TLV's



Impervious Protective Clothing



Eye Wash and Safety Shower (Recommended)



Ventilation

General Ventilation

Ventilate to keep vapors of this material below the lowest ppm listed above. If over Threshold Limit Value use a MSHA / NIOSH approved respirator

HMIS HAZARD RATINGS

Health	2
Flammability	3
Reactivity	0
Personal Protection	H

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	-9.0°C (15°F) - TAG Closed Cup	Specific Gravity / Density	0.69 - 0.71
Flammable Limits	Lower: 1.2%, Upper: 6.7%	pH (± 0.3)	NA
Auto-Ignition Temp.	223.0 °C (433.4 °F)	Viscosity	ND
Physical State	Liquid	Freeze Point	ND
Appearance	Clear	Boiling Point	ND
Odor	Solvent	Vapor Density	ND
Odor Threshold	ND	Vapor Pressure	ND
Solubility	< 7%	Evaporation Rate	ND
Volatiles	100%	Partition Coefficient	ND
VOC	100%	Molecular Weight (g/mol)	~98.20
LVP-VOC	0%	Decomposition Temperature	ND

SECTION – 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data)	None available
Chemical Stability	Stable when stored below 49°C (120°F)
Hazardous Polymerization	Will not occur
Conditions To Avoid	Heat sources, sparks, flame or static discharge and incompatible materials
Incompatible Materials	Incompatible with, strong oxidizing agents, strong bases, strong acids, ammonia
Thermal Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Ingestion (Yes “Aspiration Hazard”), Inhalation (Yes “Mist, Vapor or Fumes”)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes	Can cause eye irritation, redness, tearing, or pain
Skin	Can cause skin irritation, drying or cracking
Inhalation	Mist, vapor or fumes may cause, headache, dizziness, drowsiness, fatigue, central nervous system depression
Ingestion	Can cause irritation, of the mouth, throat, and esophagus, Can be harmful if swallowed and enters airways

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes	Can cause serious eye irritation, redness, tearing, pain, or possible corneal injury
Skin	Causes skin irritation, redness, burning, drying, cracking, defatting of the skin which may lead to dermatitis
Inhalation	Mist or vapor may cause irritation, to respiratory tract, Symptoms may include, headache, dizziness, drowsiness, fatigue, central nervous system depression, and may affect target organs
Ingestion	May be harmful if swallowed, May affect target organs, May be fatal if swallowed and enters airways, Ingestion can affect, liver, kidneys, respiratory system, central nervous system

Acute Tox Calculated Oral: 5,263 mg/kg Dermal: > 5,000 mg/kg Inhaled: > 50.0 mg/L

Acute Tox Category No Data or NA (Oral >5000 mg/kg), No Data or NA (Dermal > 5000 mg/kg), No Data or NA (Inhaled >50 mg/L) Vapors

Additional Info Intentional misuse by deliberately concentrating and inhaling this product can be harmful or fatal, High pressure skin injections are SERIOUS MEDICAL EMERGENCIES. The injury may not appear serious at first, but within a few hours tissues will become swollen, discolored and extremely painful

Target Organs Kidneys, Liver, Respiratory Tract, Eyes (Lens or cornea), Lungs, Skin, Central Nervous System

Medical Conditions Preexisting, eye, skin, liver, kidney, central nervous system, respiratory, disorders may be aggravated by exposure to this product

Notes to Physician In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption, In case of skin injection, prompt debridement of the wound is necessary to minimize necrosis and tissue loss

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

<u>CHEMICAL NAME</u>	<u>NTP</u>	<u>ACGIH</u>	<u>IARC</u>	<u>GHS Category</u>
None Listed	NA	NA	NA	NA

MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:

<u>CHEMICAL NAME</u>	<u>Germ Cell Mutagenicity</u>	<u>Toxic to Reproduction</u>
None Listed	NA	NA

COMPONENTS ACUTE TOXICITY

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Form</u>	<u>Subject</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Isopropyl Alcohol	LD50	Oral	Rat	5,045 mg/kg		(>2000 mg/kg)
	LD50	Dermal	Rabbit	12,870 mg/kg		(>2000 mg/kg)
	LC50	Inhalation	Rat	78.6 mg/L	4 Hours (Vapor)	(>20 mg/L)
Heptane	LD50	Oral	Mouse	15,000 mg/kg		(>2000 mg/kg)
	LD50	Inhaled	Rat	103 mg/L	4 Hours (Vapor)	(>20 mg/L)
	LD50	Dermal	Rabbit	> 2,000 mg/kg		(>2000 mg/kg)

SECTION – 12 ECOLOGICAL INFORMATION

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Subject</u>	<u>Subject Latin</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Isopropyl Alcohol	LC50	Fish	(Leuciscus idus)	>100 mg/L	96 Hours	4 (>100 mg/L)
	LC50	Fathead Minnow	(Pimephales promelas)	9,640 mg/L	96 Hours	4 (>100 mg/L)
	EC50	Water Flea	(Daphnia magna)	5,102 mg/L	24 Hours	4 (>100 mg/L)
Heptane	LC50	Goldfish	(Carassius auratus)	1 mg/L	96 Hours	1 (≤1 mg/L)
	EC50	Water Flea	(Daphnia magna)	1.50 mg/L	48 Hours	2 (>1, ≤10 mg/L)
Presistence And Degradability	No specific biodegradation test data was located, Expected to biodegrade in soil and in aerobic conditions					
Bioaccumulative Potential	Has potential to bioaccumulate					
Mobility In Soil	Expected to have low mobility in soil					
Other Adverse Effects	Toxic to aquatic life with long lasting effects					

SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER
Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

ENVIRONMENTAL FATE

This material as supplied, when discarded or disposed of, is a hazardous waste according to Federal Regulations (40 CFR 261) due to its ignitability and due to the composition containing in some or all of its components.

Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste.

The transportation, storage, treatment and disposal of RCRA waster material must be conducted in compliance with 40 CFR 262, 263, 264 and 270. Disposal can only occur in properly permitted facilities.

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

SECTION – 14 TRANSPORT INFORMATION

DOT CLASSIFICATION

UN Number		Proper Shipping Name <u>n.o.s. (Chemicals) or "Limits"</u>			
UN 1268		PETROLEUM DISTILLATES, n.o.s. (Isopropyl Alcohol, Heptane)			
Hazard Class	Packing Group	Label Codes	Reportable Quantity (lbs)	Response Code	Marine Pollutant
3	II	Flammable Liquid	None	128	No
Placard Label	Hazard Label	Secondary	:		



SECTION – 15 REGULATORY INFORMATION

TSCA

CHEMICAL NAME	Sec 8(b) Inventory	Sec 8(d) Health And Safety	Sec 4(a) Chemical Test Rules	Sec 12(b) Export Notification
Heptane	Yes			
Isopropyl Alcohol	Yes	Yes		

REPORTABLE QUANTITIES

CHEMICAL NAME	Extremely Hazardous	Reportable Quantity	Emission Reporting	RCRA Code	RMP TQ Sec 112r
2-Propanol			Yes		

SARA

CHEMICAL NAME	Section 311			Section 311 / 312 Hazards			
	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive	
Heptane	Yes	Yes	Yes	Yes			
Isopropyl Alcohol	Yes	Yes	Yes	Yes			

RIGHT TO KNOW

CHEMICAL NAME	STATE												
	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Heptane						Yes		Yes			Yes		
Isopropyl Alcohol			Yes			Yes		Yes		Yes	Yes	Yes	

CALIFORNIA

WARNING! This product contains chemicals known to the state of California to cause:

CHEMICAL NAME	CAS #	Birth Defects	Reproductive Harm	Carcinogen	Developmental
None Listed					

CLEAN AIR WATER ACTS

CHEMICAL NAME	CAS #	Clean Air Acts			Clean Water Acts		
		HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP
None Listed							

INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:

CHEMICAL NAME	Australia	Canada	Europe (EINECS)	Japan	Korea	UK
Heptane	Yes	Yes	Yes	Yes	Yes	Yes
Isopropyl Alcohol	Yes	Yes	Yes	Yes	Yes	Yes

WHMIS Classification

CHEMICAL NAME	DSL	Class	Description
Isopropyl Alcohol, Heptane	Yes	B-2	Flammable Liquids; Flashpoint < 37.8° C (100°F)
		D-2B	Materials Causing Other Toxic Effects; Toxic Material

SECTION – 16 OTHER INFORMATION**SDS LEGEND DESCRIPTION**

ACGIH	American Conference of Governmental Industrial Hygienists	LC50	A concentration that is lethal to 50% of a given species in a given time
CAS	Chemical Abstracts Service Registry	LD50	Dose that is lethal to 50% of a given species by a given route of exposure
CEIL	Ceiling Limit (15 minutes)	LEL	Lower Explosive Limit
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act	LD	Liver Damage
CI	Cochlear Impairment	NA	Not Applicable
CNS	Central Nervous System	ND	Not Determined
EC50	Concentration of a chemical that gives half-maximal response	NFPA	National Fire Protection Association
EPA	Environmental Protection Agency	NIOSH	National Institute for Occupational Safety and Health
Eye	(EI = Irritation) (ED = Damage) (EV = Visual Impairment)	NE	Not Established
FBG	Full Bunker Gear	NTP	National Toxicology Program
GHS	Globally Harmonized System	OSHA	Occupational Safety and Health Administration
HAP	California Hazardous air pollutant Clean Air Act	PEL	Permissible Exposure Limit (OSHA)
HMIS-A	Safety Glasses	PNS	Peripheral Nervous System
HMIS-B	Safety glasses, gloves	PP	California Priority Pollutant under the Clean Water Act
HMIS-C	Safety glasses, gloves, chemical apron	REL	Recommended exposure limit (NIOSH)
HMIS-D	Face shield, gloves, chemical apron	RT	Upper Respiratory Tract
HMIS-E	Safety glasses, gloves, dust respirator	Skin	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator	SARA	Superfund Amendments and Reauthorization Act
HMIS-G	Safety glasses, gloves, vapor respirator	STEL	Short Term Exposure Limit (15 minutes)
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator	TC Lo	Lowest concentration that is toxic to a given species in a given time
HMIS-I	Safety glasses, gloves, dust and vapor respirator	TD Lo	Lowest dose that is toxic to a given species
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator	TLV	Threshold Limit Value (ACGIH)
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots	TP	California Toxic Pollutant under the Clean Water Act
HMIS-X	Ask Supervisor	TSCA	Toxic Substances Control Act
HS	California Hazardous Substance under the Clean Water Act	TWA	Time Weighted Average (8 hours)
KD	Kidney Damage (nephropathy)	UEL	Upper Explosive Limit

CCL Supply

and nCites, L.L.C. have compiled the information herein from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources or the completeness and expressly do not make warranties, nor assume any liability for its use. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever for any and all injuries, losses, or damages to persons or property arising from the use of this product or information.

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