



This item was discontinued prior to GHS implementation.
A GHS Safety Data Sheet is not available for this item.

Material Safety Data Sheet 4/15/2024: File reviewed, more current MSDS/SDS not available. CAS

Revision Date 29-May-2012

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code P90390
Product name Contax
Recommended Use Cleaner

Supplier Lawson Products, Inc.
8770 W. Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
1-866-529-7664

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

Vapors irritating to eyes and respiratory tract. Irritating to skin. Aspiration hazard. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Aspiration hazard. May enter lungs and cause damage. Contents under pressure. Extremely flammable liquid and vapor.

Aggravated Medical Conditions

Pre-existing skin conditions may be aggravated by exposure to this product.

Principal Routes of Exposure

Skin contact. Skin absorption. Inhalation. Ingestion. Eyes.

Potential health effects

Eyes May cause the following effects: Irritation. Redness. Pain. Moderately irritating to the eyes.

Skin Skin Irritation. Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product. Defatting.

Inhalation Prolonged inhalation may be harmful. Inhaling large quantities of mist or vapors may cause some irritation to nose, throat, lungs. Exposure to high doses may cause central nervous system depression (anesthetic-like effects). Doses which cause anesthetic-like effects may also cause adverse effects in liver, lungs and kidneys. Headaches. Dizziness.

Ingestion No hazard under normal industrial and institutional use. May be harmful if swallowed. May be fatal if swallowed. May cause the following effects: Central nervous system depression. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Isohexane Isomers	107-83-5	60-70
Isopropyl alcohol	67-63-0	10-20
Propane/Isobutane/N-Butane	68476-86-8	10-20

4. FIRST AID MEASURES

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician.

Skin contact Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. Seek medical attention if irritation occurs. Seek medical attention if irritation persists.

Ingestion Do not induce vomiting. Call a physician immediately.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash point °C -96.11
Flash point °F -141
Method Pensky-Martens C.C.

Autoignition temperature °C Not Applicable
Autoignition temperature °F Not Applicable

Flammability Limits (% in Air)
Upper 12.0
Lower 1.0

Suitable extinguishing media

Alcohol foam. Carbon dioxide (CO₂). Dry chemical powder. Foam. Water fog.

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Fire and Explosion Hazards

Containers can build up pressure if exposed to heat (fire). Vapors may form explosive mixture in air between upper and lower explosive limits which can be ignited by many sources, such as pilot lights, open flames, electrical motors and switches. Vapors are heavier than air and may travel along the ground to an ignition source distant from material handling area. Possible ignition sources include pilot lights, flames, lighted cigarettes, heating elements, electric motors, sparks from electrical switches. Contents under pressure. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Hazardous decomposition products

See Section 10.

Sensitivity to shock

No information available.

Sensitivity to static discharge

Yes. Take precautionary measures against static discharges.

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Absorb with earth, sand, or another dry inert material. Place in non-leaking, tightly sealed container for proper disposal. Place in suitable container for disposal as hazardous waste. Avoid run-off into storm sewers and ditches which lead to waterways. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

7. HANDLING AND STORAGE**Handling**

Use in a well ventilated area. Thoroughly wash hands and exposed skin after handling. Ensure all equipment is electrically grounded before beginning transfer operations. Use spark-proof tools and explosion proof equipment. Avoid prolonged or repeated contact with skin. Avoid breathing vapors from heated material. Do not spray into open flame or near other sources of ignition. Do not puncture container. Do not crush. Do not incinerate.

Storage

Keep away from heat. Avoid sparks. Store away from high temperatures and flames. Do not freeze. Keep container tightly closed. Keep out of the reach of children. Store in temperatures below 120 degrees F. Keep away from direct sunlight.

NFPA Storage Code

Store as Level 3 Aerosol (NFPA 30B)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Isopropyl alcohol	400 ppm 980 mg/m ³	-	200 ppm	400 ppm
Isohexane Isomers	-	-	-	-

Propane/Isobutane/N-Butane	-	-	-	N/D
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Ventilation and Environmental Controls

Local exhaust ventilation may be necessary to control any air contaminants to within their TLV's during the use of this product. Use explosion-proof ventilation equipment.

Hygiene measures

Wash hands before eating or using the washroom. Remove and wash contaminated clothing before re-use. Use only with adequate ventilation. Follow all safety precautions. Follow label cautions even after the container is empty since empty containers could retain product residues. Use spark-proof tools and explosion proof equipment. Avoid contact with skin, eyes and clothing.

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended. Wear a NIOSH approved air purifying organic cartridge respirator. Wear a NIOSH approved organic canister respirator. Protection provided by air purifying respirators is limited. Use a positive pressure supplied air respirator, if there is any potential for an uncontrolled release: where exposure levels are not known, or other circumstances where an air purifying respirator (P100) may not provide adequate protection. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hand Protection

Impervious gloves.

Eye protection

Wear safety glasses with side shields. Goggles.

Skin and body protection

Impervious clothing. Solvent-resistant apron and boots. Coveralls. Wear appropriate clothing to prevent skin contact. Standard industrial clothing standards should be followed.

Other Protective Equipment

A safety shower and eye wash station should be available for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Colorless
Odor	Solvent
Odor Threshold	Not Applicable
pH	Not Applicable
Specific Gravity	0.6433
Vapor pressure	No data available
Vapor density	>Air
Evaporation Rate	>1 (Butyl Acetate = 1)
Water solubility	Negligible
VOC Content	100%
Partition Coefficient (n-octanol/water)	Not Applicable
Boiling point/range °C	-30.6 - 82
Boiling point/range °F	-23 - 181
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	-96.11
Flash point °F	-141

10. STABILITY AND REACTIVITY**Stability**

Stable under normal storage conditions.

Conditions to avoid

Avoid sources of ignition. Exposure to open flame. Do not use near welding arcs.

Incompatibility

Strong mineral acids. Strong oxidizers. Halogens.

Hazardous Decomposition Products

Carbon oxides. Aldehydes. Hydrocarbons.

Polymerization

Will not occur. Stable under normal storage conditions.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Isopropyl alcohol 67-63-0	4396 mg/kg	12800 mg/kg 12870 mg/kg	72.6 mg/L
Isohexane Isomers 107-83-5	-	-	-
Propane/Isobutane/N-Butane 68476-86-8	-	-	-

Synergistic Products

None known

Potential health effects**Sensitization**

None known .

Chronic toxicity

See Section 2 .

Mutagenic effects

None known .

Teratogenic effects

None known .

Reproductive toxicity

None known .

Target Organ Effects

See Section 2.

Carcinogenic effects

See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Isopropyl alcohol	A4	Not Listed	Not Listed	Not Listed	Not Listed

Isohexane Isomers	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**Isopropyl alcohol****Microtox Data***Photobacterium phosphoreum* EC50=35390 mg/L (5 min)**Water Flea Data***Daphnia magna* EC50=13299 mg/L (48 h)**Aquatic toxicity**

Low toxicity to aquatic organisms such as bacteria, algae, protozoa and fish

Persistence and degradability

Expected to be readily biodegradable

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

Consumer commodity, ORM-D

TDG

UN1950 AEROSOLS, flammable, 2.1

15. REGULATORY INFORMATION

Chemical Name	US EPA SARA 313 Emission Reporting
Isopropyl alcohol	Listed

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Isopropyl alcohol	Listed	Listed	Not Listed
Isohexane Isomers	Not Listed	Listed	Not Listed
Propane/Isobutane/N-Butane	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Isopropyl alcohol	X	X	-	X
Isohexane Isomers	X	X	-	X
Propane/Isobutane/N-Butane	X	X	-	X

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

16. OTHER INFORMATION

HMIS

Health - 1

Flammability - 4

Physical Hazard - 0

Prepared By

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Engineer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.