

# MATERIAL SAFETY DATA SHEET

**ORGANOCAT, LLC**  
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**FLORIS**

## SECTION I GENERAL INFORMATION

NAME ON LABEL (Identity): FLORIS  
CHEMICAL FAMILY: Natural Organic Compounds  
HMIS HAZARD CODES: Health ( 0 ) Flammability ( 0 ) Reactivity ( 0 )  
NFPA HAZARD CODES: Health ( 0 ) Flammability ( 0 ) Reactivity ( 0 ) Special Hazard: NA  
HAZARD RATING SCALE: 4 = Severe 3 = Serious 2 = Moderate 1 = Slight 0 = Minimal

## SECTION II HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPOUNDS (CHEMICAL & COMMON NAME(S))	PERCENT (OPTIONAL)	OSHA PEL	ACGIH TLV	CAS #
None	NA	NA	NA	NA

NA = Not Applicable NE = Not Established

## SECTION III PHYSICAL DATA

BOILING POINT (°F): 212°F	SPECIFIC GRAVITY (H <sub>2</sub> O = 1): 1.01-1.03
VAPOR PRESSURE (mm Hg): Same as water	EVAPORATION RATE (BuAc = 1): Unknown
SOLUBILITY IN WATER: 99%	MELTING POINT (°F): NA
VAPOR DENSITY (Air = 1): Unknown	pH: 9.5-10.5
APPEARANCE AND ODOR: Dark brown/black liquid.	

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): No flash point at boiling temperature of 212°F (T.C.C.)  
FLAMMABLE LIMITS: None LEL: NA UEL: NA  
EXTINGUISHING MEDIA: Use media proper to primary cause of fire.  
AUTO-IGNITION TEMPERATURE: Unknown

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus and protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

## SECTION V REACTIVITY DATA

STABILITY: Unstable  Stable   
CONDITIONS TO AVOID: None  
INCOMPATIBILITY (Materials to Avoid): Strong oxidizing chemicals.  
HAZARDOUS POLYMERIZATION: Will Not Occur  May Occur   
CONDITIONS TO AVOID: None  
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, possibly carbon monoxide, sulfur dioxide, hydrocarbons.

## SECTION VI HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: Skin and eyes.

HEALTH HAZARDS: Acute - May cause irritation to eyes and skin.

Chronic - May cause irritation to eyes and skin.

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### SECTION VI HEALTH HAZARD DATA (continued)

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: Yes \_\_\_ No X

NATIONAL TOXICOLOGY PROGRAM: Yes \_\_\_ No X

I.A.R.C. MONOGRAPHS: Yes \_\_\_ No X OSHA: Yes \_\_\_ No X

SIGNS AND SYMPTOMS OF EXPOSURE: Reddening of skin, watery eyes.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May cause irritation to eyes and skin.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush eyes with water for at least 15 minutes. Obtain medical attention immediately.

SKIN: Flush with plenty of water immediately. Contact physician if irritation persists.

INHALATION: Take to fresh air.

INGESTION: Induce vomiting and contact physician.

### SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear all protective clothing when cleaning up spills or leaks. Scoop up major portion and dry wipe remainder. Flush final traces with water.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Wear all protective equipment when handling product. Keep container closed when not in use. Do not get in eyes. Do not take internally.

OTHER PRECAUTIONS: None

### SECTION VIII SPECIAL PROTECTION INFORMATION AND CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type): Not needed for intended purpose.

VENTILATION: LOCAL EXHAUST: None  
MECHANICAL (General): SPECIAL: None OTHER: None

PROTECTIVE GLOVES: Rubber gloves.

EYE PROTECTION: Safety goggles or face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash.

WORK/HYGIENIC PRACTICES: Wash thoroughly with water after handling product.

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## SECTION IX REGULATORY INFORMATION

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CERCLA 40 CFR 302.4: NA

SARA TITLE III:

Section 302/304: NA

Section 311/312 Hazard Category: NA as defined under 40 CFR 370.

Section 313: NA

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Prepared by (Optional)	02/04/08	10/30/03
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