

MAY 17 1994

NFPA 704 DESIGNATION

Flammability—2

Health—1

Reactivity—0

Specific Hazard—

# MATERIAL SAFETY DATA SHEET (MSDS)

FLOWAY

## SECTION I

EMERGENCY TELEPHONE NO.

**TRADE NAME**  
(if None, Put Chemical) Floway

(615) 833-4101 (DAYS)

**CHEMICAL NAME  
AND SYNONYMS** None

**MANUFACTURER'S NAME  
AND TELEPHONE NO.** Kano Laboratories, Inc.

(615) 833-4101

**ADDRESS (Number, Street  
City, State, Zip Code)** 1000 S Thompson Lane

Nashville, TN 37211

## SECTION II—INGREDIENTS

CAS REGISTRY NO.

% BY  
WTOSHA/ACGIH  
PEL/TLV  
PPMListed as a Carcinogen  
in NTP, IARC or OSHA  
1910(z) (Specify)

Product consists of:

Aliphatic Hydrocarbon Solvent  
Diocetyl Sodium Sulfosuccinate  
Light Petroleum Naphtha  
Ethyl—3 Ethoxypropionate  
Polyoxyethylene Sorbitan  
Monooleate

111-76-2	5%-15%	50 TWA	No
577-11-7	1%-10%	NA	No
8052-41-3	60%-90%	100 TWA	No
1338-43-8	1%-15%	NA	No
9005-65-6	1%- 5%	NA	No

Total

100%

All ingredients in Floway are listed on the TSCA inventory list.

## SECTION III—PHYSICAL DATA

<b>BOILING POINT (°F)</b>	240-380	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	0.80
<b>VAPOR PRESSURE (MM Hg.)</b>	NE	<b>PERCENT VOLATILE BY VOLUME (%)</b>	>90
<b>VAPOR DENSITY (AIR=1)</b>	>1	<b>pH</b>	NA
<b>SOLUBILITY IN WATER</b>	Slight	<b>EVAPORATION RATE (Ether=1)</b>	<1

**APPEARANCE AND ODOR** Clear liquid; solvent odor

## SECTION IV—FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT (Method used)</b> 135 F (CC)	<b>FLAMMABLE LIMITS</b>	<b>LEL</b> NE	<b>UEL</b> NE
<b>EXTINGUISHING MEDIA</b> Carbon dioxide, dry chemical, or foam			
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Use water spray or fog to cool fire-exposed containers.			
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> Closed containers may explode when exposed to extreme heat.			

NA—Not Applicable

NE—Not Established

UN—Unavailable

**SECTION V—HEALTH HAZARD INFORMATION**

TLV

**SYMPTOMS/EFFECTS OF OVEREXPOSURE** Respiratory irritation, headache, nausea, dizziness, fatigue, confusion, unconsciousness. Central nervous system depression. Eye contact causes burning and irritation. Prolonged or repeated skin contact may lead to drying, irritation and dermatitis.

**FIRST AID**

**EYES** Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. Get prompt medical attention.

**SKIN** Wipe material from skin with cloth or paper towel, then wash exposed area with soap and water. Get medical help if irritation persists.

**INHALATION** Move victim to fresh air and restore breathing if necessary. Stay with victim until arrival of emergency medical personnel.

**INGESTION** Contact local poison control center or physician IMMEDIATELY!

**SECTION VI—REACTIVITY DATA**

**STABILITY** Normally Stable.  
Avoid heat, open flame

**INCOMPATIBLE MATERIALS** Strong oxidizers

**HAZARDOUS DECOMPOSITION PRODUCTS** Carbon monoxide, Carbon dioxide, Aluminum oxide

**SECTION VII—SPILL OR LEAK PROCEDURES**

**PROCEDURES** Wear personal protective equipment (See Section VIII). Remove heat and ignition sources; ventilate the area; clean up with inert absorbent.

**WASTE DISPOSAL METHOD** Waste may be burned in an approved incinerator, or dispose of according to Local, State, and Federal regulations.

**SECTION VIII—SPECIAL PROTECTION INFORMATION**

**RESPIRATORY** If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH-approved respirator for organic vapors.

**EYEWEAR** If potential for eye contact exists, wear chemical goggles.

**CLOTHING/GLOVES** Wear chemical-resistant gloves and clothing as needed to prevent skin contact.

**VENTILATION** Local exhaust may be necessary under some handling/use conditions. Specific needs should be addressed by supervisory or health/safety personnel.

**SECTION IX—SPECIAL PRECAUTIONS**

Combustible. Store in closed container in cool, well-ventilated area.

APPROVAL

NAME

TITLE

DATE

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.