



MATERIAL SAFETY DATA SHEET

5-Fluorescein isothiocyanate (cert)

70807

****** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ********MSDS Name: 5-Fluorescein isothiocyanate (cert)**

Company Identification: Acros Organics N.V.

One Reagent Lane

Fairlawn, NJ 07410

For information in North America, call: 800-ACROS-01

For emergencies in the US, call CHEMTREC: 800-424-9300

****** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ******

CAS#	Chemical Name	%	EINECS#
3326-32-7	Spiroisobenzofuran-1(3h), 9'-9hxanthen-3-one, 3', 6'-dihydroxy-5-isothiocyanato-		222-042-0
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****** SECTION 3 - HAZARDS IDENTIFICATION ********EMERGENCY OVERVIEW**

Not available.

Appearance: Not available.

Not available.

Target Organs: None.

Potential Health Effects

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

****** SECTION 4 - FIRST AID MEASURES ********Eyes:**

Not available.

Skin:

Not available.

Ingestion:

Not available.

Inhalation:

Not available.

Notes to Physician:

Treat symptomatically and supportively.

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information:

Not available.

Extinguishing Media:

Not available.

Autoignition Temperature: Not available.

Flash Point: Not available.

NFPA Rating: Not published.

Explosion Limits, Lower: Not available.

Upper: Not available.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Not available.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:

Not available.

Storage:

Refrigerator (approx 4°C).

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Spiroisobenzofuran-1(3h),9'-9hxanthen-3-one,3',6'-dihydroxy-5-isothiocyanato-	none listed	none listed	none listed
-			

OSHA Vacated PELs:

No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes:

Not available.

Skin:

Not available.

Clothing:

Not available.

Respirators:

Not available.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State:

Not available.

Appearance:

Not available.

Odor:

Not available.

pH: Not available.
Vapor Pressure: Not available.
Vapor Density: Not available.
Evaporation Rate: Not available.
Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: > 360 deg C
Decomposition Temperature: Not available.
Solubility: practically insoluble in water
Specific Gravity/Density: Not available.
Molecular Formula: C21H11NO5S
Molecular Weight: 389.39

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability: Not available.
Conditions to Avoid: Not available.
Incompatibilities with Other Materials: Not available.
Hazardous Decomposition Products: Not available.
Hazardous Polymerization: Not available.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#: CAS# 3326-32-7 unlisted.
LD50/LC50: Not available.
Carcinogenicity: Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Dispose of in a manner consistent with federal, state, and local regulations.
RCRA D-Series Maximum Concentration of Contaminants: None listed.
RCRA D-Series Chronic Toxicity Reference Levels: None listed.
RCRA F-Series: None listed.
RCRA P-Series: None listed.
RCRA U-Series: None listed.
Not listed as a material banned from land disposal according to RCRA.

**** SECTION 14 - TRANSPORT INFORMATION ****

US DOT
No information available
IMO
Shipping Name: DYE, SOLID, TOXIC, N.O.S.
Hazard Class: 6.1
UN Number: 3143
Packing Group: III
IATA
Shipping Name: DYE, SOLID, TOXIC, N.O.S.*
Hazard Class: 6.1
UN Number: 3143

Packing Group: III
RID/ADR
Shipping Name: DYE, SOLID, TOXIC, N.O.S.
Dangerous Goods Code: 6.1(25C)
UN Number: 3143
Canadian TDG
No information available.

**** SECTION 15 - REGULATORY INFORMATION ****

US FEDERAL

TSCA

CAS# 3326-32-7 is listed on the TSCA inventory.
Health & Safety Reporting List
None of the chemicals are on the Health & Safety Reporting List.
Chemical Test Rules
None of the chemicals in this product are under a Chemical Test Rule.
Section 12b
None of the chemicals are listed under TSCA Section 12b.
TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.

SARA

Section 302 (RQ)
None of the chemicals in this material have an RQ.
Section 302 (TPQ)
None of the chemicals in this product have a TPQ.
Section 313

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depleters.
This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE

California No Significant Risk Level:
None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives
Hazard Symbols: Not available.
Risk Phrases:
Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 3326-32-7: No information available.

Canada

CAS# 3326-32-7 is listed on Canada's DSL/NDSL List.
WHMIS: Not available.
CAS# 3326-32-7 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

**** SECTION 16 - ADDITIONAL INFORMATION ****

MSDS Creation Date: 2/28/1995 Revision #1 Date: 3/04/1996

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