



Curtin Matheson Scientific, Inc.
1225 N MICHAEL DRIVE

WOOD DALE, IL 60191-1019

FISONS

MAIL TO: SCHOOLCRAFT COLLEGE

HPS MEMBER
18600 HAGGERTY RD.

LIVONIA, MI 48152-2696

MATERIAL SAFETY DATA SHEET

SECTION 1 - NAME AND PRODUCT

MANUFACTURER NAME AND ADDRESS
DIFCO LABORATORIES
P O BOX 331058

DETROIT MI 48232
EMERGENCY PHONE 313-961-0800

COMMON NAME (ON LABEL)

SPOTTEST TM NITRATE REAGENT A 3554

TRADE NAME & SYNONYMS

SPOTTEST TM NITRATE REAGENT A 3554

CHEMICAL NUMBER: D3554-264

ITEM NUMBER: 0748302

VNDR CATLG NBR:

ENTRY DATE: 12-01-89

CHANGE DATE: 01-08-91

PD NUMBER: P0080105

CHEMICAL FAMILY

NOT GIVEN

CHEMICAL FORMULA

NOT GIVEN

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS	% (WT)	TLV	PEL
ACETIC ACID	*	28.60	25.000 MG/M3	NOT GIVEN

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1986-87.

OTHER INGREDIENT INFORMATION

ACETIC ACID 3530MG/KG(OR-RAT); (CAS #64-19-7)
28.6%; TLV: 25MG/M3.

SECTION 3 - PHYSICAL DATA

BOILING POINT N/A	VOLATILE BY VOLUME (%) N/A	VAPOR PRESSURE N/A
MELTING POINT N/A	VAPOR DENSITY N/A	SOLUBILITY IN WATER COMPLETE
EVAPORATION RATE (= 1) N/A	SPECIFIC GRAVITY N/A	
APPEARANCE AND ODOR CLEAR, COLORLESS LIQUID WITH AN ACETIC ACID ODOR.		
OTHER PHYSICAL DATA		

SECTION 4 - FIRE AND EXPLOSION DATA**FLASH POINT**

N/A

LOWER EXPLOSIVE LIMIT

N/A

UPPER EXPLOSIVE LIMIT

N/A

EXTINGUISHING MEDIA

N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS

N/A

SPECIAL FIRE FIGHTING PROCEDURES

N/A

SECTION 5 - HEALTH HAZARD DATA**HEALTH HAZARDS (ACUTE & CHRONIC)**

CONTACT WITH SKIN AND EYES MAY CAUSE BLISTERS OR BURNS.

PRIMARY ROUTES OF EXPOSURE

CONTACT.

SIGNS AND SYMPTOMS OF EXPOSURE

CONTACT WITH SKIN AND EYES MAY CAUSE BLISTERS OR BURNS.

SECTION 5 - HEALTH HAZARD DATA (CONTINUED)

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
NONE INDICATED.

CARCINOGENICITY

N/A

NTP ☐ Yes ☒ NoIARC ☐ Yes ☒ NoOSHA ☐ Yes ☒ No**EMERGENCY AND FIRST AID PROCEDURES**

IMMEDIATELY FLUSH EYES AND SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.

THRESHOLD LIMITS / TOXICITY DATA

TLV: 87.4MG/M3 FOR SPOTTEST NITRATE REAGENT A BASED ON ACETIC ACID CONTENT.

SECTION 6 - REACTIVITY DATA

STABILITY Unstable ☐ Stable ☒
CONDITIONS TO AVOID

N/A

INCOMPATIBILITY (MATERIALS TO AVOID)

N/A

SECTION 6 - REACTIVITY DATA (CONTINUED)**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**
N/A**HAZARDOUS POLYMERIZATION** May Occur ☐ Will Not Occur ☒
CONDITIONS TO AVOID
N/A**SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**
USE RUBBER GLOVES - IF DESIRED. WIPE UP SPILL WITH A DAMP SPONGE, RINSE IN SINK WITH
PLENTY OF WATER.**WASTE DISPOSAL METHOD**
FLUSH DOWN DRAIN WITH PLENTY OF WATER.**SECTION 8 - SPECIAL PROTECTION INFORMATION****RESPIRATORY PROTECTION**
N/A**LOCAL VENTILATION**

N/A

MECHANICAL VENTILATION

N/A

SPECIAL VENTILATION

N/A

SECTION 8 - SPECIAL PROTECTION INFORMATION (CONTINUED)**OTHER VENTILATION**
N/A**PROTECTIVE GLOVES**

RUBBER GLOVES

EYE PROTECTION

SAFETY GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
N/A**SECTION 9 - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**
WASH THOROUGHLY AFTER HANDLING.**SECTION 10 - OTHER INFORMATION****MISCELLANEOUS INFO.**
N/A