



Division of Facilities Services

**DOD Hazardous Material Information (ANSI Format)
For Cornell University Convenience Only**

SS-1 SUMMER GRADE CONCENTRATE

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**Section 1 - Product and Company Identification
SS-1 SUMMER GRADE CONCENTRATE**

Product Identification: SS-1 SUMMER GRADE CONCENTRATE

Date of MSDS: 12/31/1991 **Technical Review Date:** 02/07/1995

FSC: 6850 **NIIN:** LIIN: 00N057207

Submitter: NEN

Status Code: C

MFN: 01

Article: N

Kit Part: N

Manufacturer's Information

Manufacturer's Name: SPEED SHORE CORP
Manufacturer's Address1: 7002 EASTHAVEN
Manufacturer's Address2: HOUSTON, TX 77017
Manufacturer's Country: US
General Information Telephone: 800-231-6662
Emergency Telephone: 800-231-6662
Emergency Telephone: 800-231-6662
MSDS Preparer's Name: N/P
Proprietary: N
Reviewed: N
Published: Y
CAGE: 54171
Special Project Code: N

Contractor Information

Contractor's Name: SPEED SHORE CORP
Contractor's Address1: 7002 EASTHAVEN
Contractor's Address2: HOUSTON, TX 77017
Contractor's Telephone: 800-231-6662
Contractor's CAGE: 54171

Section 2 - Composition/Information on Ingredients
SS-1 SUMMER GRADE CONCENTRATE

Ingredient Name: ANILINE, N,N-DIMETHYL-P-PHENYLAZO-; (MIXED DYES). PERCENTAGE
(WT): 0.05 +/- 0.01.
Ingredient CAS Number: 60-11-7 **Ingredient CAS Code:** M
RTECS Number: BX7350000 **RTECS Code:** M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: 0.05
% Enviromental Weight:
Other REC Limits: N/K
OSHA PEL: N/K (FP N) **OSHA PEL Code:** M
OSHA STEL: OSHA STEL Code:
ACGIH TLV: N/K (FP N) **ACGIH TLV Code:** M
ACGIH STEL: N/P **ACGIH STEL Code:**
EPA Reporting Quantity: 10 LBS
DOT Reporting Quantity: 10 LBS

Ozone Depleting Chemical: N

Ingredient Name: ARYL SULPHONIMIDO CARBOXYLIC ALKANOLAMIDE. PERCENTAGE (WT): 20.0 +/- 3.0.

Ingredient CAS Number: **Ingredient CAS Code:** X

RTECS Number: **RTECS Code:** X

=WT: **=WT Code:**

=Volume: **=Volume Code:**

>WT: **>WT Code:**

>Volume: **>Volume Code:**

<WT: **<WT Code:**

<Volume: **<Volume Code:**

% Low WT: **% Low WT Code:**

% High WT: **% High WT Code:**

% Low Volume: **% Low Volume Code:**

% High Volume: **% High Volume Code:**

% Text: 20.0

% Enviromental Weight:

Other REC Limits: N/K

OSHA PEL: N/K (FP N) **OSHA PEL Code:** M

OSHA STEL: **OSHA STEL Code:**

ACGIH TLV: N/K (FP N) **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical:

Ingredient Name: ETHANOL, 2,2'-IMINODI-; (DIETHANOLAMINE) (SARA 313) (CERCLA). PERCENTAGE (WT): 7.5 +/- 0.5.

Ingredient CAS Number: 111-42-2 **Ingredient CAS Code:** M

RTECS Number: KL2975000 **RTECS Code:** M

=WT: **=WT Code:**

=Volume: **=Volume Code:**

>WT: **>WT Code:**

>Volume: **>Volume Code:**

<WT: **<WT Code:**

<Volume: **<Volume Code:**

% Low WT: **% Low WT Code:**

% High WT: **% High WT Code:**

% Low Volume: **% Low Volume Code:**

% High Volume: **% High Volume Code:**

% Text: 7.5

% Enviromental Weight:

Other REC Limits: N/K

OSHA PEL: 3 PPM **OSHA PEL Code:** M

OSHA STEL: **OSHA STEL Code:**

ACGIH TLV: 0.46 PPM **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity: 1 LB

DOT Reporting Quantity: 1 LB

Ozone Depleting Chemical: N

Ingredient Name: ETHYLENE GLYCOL; (MONOETHYLENE GLYCOL). PERCENTAGE (WT): 30.0 +/- 5.0

Ingredient CAS Number: 107-21-1 **Ingredient CAS Code:** M

RTECS Number: KW2975000 **RTECS Code:** M

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: 30.0

% Enviromental Weight:

Other REC Limits: N/K

OSHA PEL: N/K (FP N) **OSHA PEL Code:** M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: 50 PPM, C **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity: 1 LB

DOT Reporting Quantity: 1 LB

Ozone Depleting Chemical: N

Ingredient Name: GLYCOLS, POLYETHYLENE, MONODOCECYL ETHER; (POLYETHYLENE GLYCOL MONO ALKYL ETHER). PERCENTAGE (WT): 4.0 +/- 0.5.

Ingredient CAS Number: 9002-92-0 **Ingredient CAS Code:** M

RTECS Number: MD0875000 **RTECS Code:** M

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: 4.0

% Enviromental Weight:

Other REC Limits: N/K

OSHA PEL: N/K (FP N) **OSHA PEL Code:** M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: N/K (FP N) **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical: N

Ingredient Name: IH-BENZOTRIAZOLE; (AZIMIDOBENZENE). PERCENTAGE (WT): 0.4 +/- 0.2.

Ingredient CAS Number: 95-14-7 **Ingredient CAS Code:** M

RTECS Number: DM1225000 **RTECS Code:** M

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: 0.4

% Enviromental Weight:

Other REC Limits: N/K

OSHA PEL: N/K (FP N) **OSHA PEL Code:** M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: N/K (FP N) **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical: N

Ingredient Name: MOLYBDENUM DIALKYL DITHIOPHOSPHATE. PERCENTAGE (WT): 3.5 +/- 0.5.

Ingredient CAS Number: **Ingredient CAS Code:** X

RTECS Number: RTECS Code: X

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: 3.5

% Enviromental Weight:

Other REC Limits: N/K

OSHA PEL: N/K (FP N) **OSHA PEL Code:** M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: N/K (FP N) **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical:

Ingredient Name: SILICON FLUID; (SILICONE EMULSION). PERCENTAGE (WT): 0.3 +/- 0.1.

Ingredient CAS Number: 63148-62-9 **Ingredient CAS Code:** M

RTECS Number: RTECS Code: X

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: 0.3

% Enviromental Weight:

Other REC Limits: N/K

OSHA PEL: N/K (FP N) **OSHA PEL Code:** M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: N/K (FP N) **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical: N

Ingredient Name: S-TRIAZINE-1,3,5(2H,4H,6H)-TRIETHANOL;
(HEXAHYDROHYDROXYETHYLTRIAZINE). PERCENTAGE (WT): 4.0 +/- 0.5.

Ingredient CAS Number: 4719-04-4 **Ingredient CAS Code:** M

RTECS Number: XZ1600000 **RTECS Code:** M

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: 4.0

% Enviromental Weight:

Other REC Limits: N/K

OSHA PEL: N/K (FP N) **OSHA PEL Code:** M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: N/K (FP N) **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical: N

Ingredient Name: WATER. PERCENTAGE (WT): 25.0 +/- 8.0.

Ingredient CAS Number: 7732-18-5 **Ingredient CAS Code:** M

RTECS Number: ZC0110000 **RTECS Code:** M

=WT: =WT Code:

=Volume: =Volume Code:

>WT: >WT Code:

>Volume: >Volume Code:

<WT: <WT Code:

<Volume: <Volume Code:

% Low WT: % Low WT Code:

% High WT: % High WT Code:

% Low Volume: % Low Volume Code:

% High Volume: % High Volume Code:

% Text: 25.0

% Enviromental Weight:

Other REC Limits: N/K

OSHA PEL: N/K (FP N) **OSHA PEL Code:** M

OSHA STEL: OSHA STEL Code:

ACGIH TLV: N/K (FP N) **ACGIH TLV Code:** M

ACGIH STEL: N/P **ACGIH STEL Code:**

EPA Reporting Quantity:

DOT Reporting Quantity:

Ozone Depleting Chemical: N

Section 3 - Hazards Identification, Including Emergency Overview

SS-1 SUMMER GRADE CONCENTRATE

Health Hazards Acute & Chronic: EYE: STRONG IRRITATION AND REDDENING. SKIN: MAY BE SENSITIVE TO PRODUCT. INHALATION: MAY IRRITATE RESPIRATORY SYSTEM. INGESTION: MAY CAUSE KIDNEY DAMAGE.

Signs & Symptoms of Overexposure:

UNSTEADY GAIT, DROWSINESS, COMA.

Medical Conditions Aggravated by Exposure:

SKIN AND EYES MAY BECOME SENSITIZED.

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route of Entry Indicators:

Inhalation: YES

Skin: YES

Ingestion: YES

Carcenogenicity Indicators

NTP: YES

IARC: YES

OSHA: YES

Carcinogenicity Explanation: ANILINE, N,N-DIMETHYL-P-PHENYLazo-: IARC MONOGRAPHS, SUPP VOL 7, PG 56, 1987: GRP 2B. NTP 7TH ANNUAL REPORT ON (SUPDAT)

Section 4 - First Aid Measures
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First Aid:

EYES: WASH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN: WASH WITH SOAP AND WATER. INHALATION: GET REST AND FRESH AIR; SEEK MEDICAL AID. INGESTION: DO NOT INDUCE VOMITING; SEEK MEDICAL AID.

Section 5 - Fire Fighting Measures
SS-1 SUMMER GRADE CONCENTRATE

Fire Fighting Procedures:

WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire or Explosion Hazard:

NONE SPECIFIED BY MANUFACTURER.

Extinguishing Media:

USE MEDIA SUITABLE FOR SURROUNDING FIRE CONDITIONS (FP N).

Flash Point: **Flash Point Text:** NO FLASH POINT

Autoignition Temperature:

Autoignition Temperature Text: N/A

Lower Limit(s): N/A

Upper Limit(s): N/A

Section 6 - Accidental Release Measures
SS-1 SUMMER GRADE CONCENTRATE

Spill Release Procedures:

FLUSH WITH WATER UNTIL REMOVED OR ABSORBED ON SAND OR OTHER ABSORBENT MATERIAL. CLEAN UP IMMEDIATELY AS WET AREA WILL BE VERY SLIPPERY.

Section 7 - Handling and Storage
SS-1 SUMMER GRADE CONCENTRATE

Handling and Storage Precautions:

Other Precautions:

Section 8 - Exposure Controls & Personal Protection
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Respiratory Protection:

NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED. WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:

<http://msds.ehs.cornell.edu/msds/msdsdod/a419/m209137.htm>

GENERAL VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATION BELOW CURRENT EXPOSURE LIMITS (FP N).

Protective Gloves:

IMPERVIOUS GLOVES.

Eye Protection: ANSI APPROVED CHEM WORKERS GOGG (FP N).

Other Protective Equipment: EYEWASH FOUNTAIN AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Health & Safety Information: EXPLANATION OF CARCINOGEN:

CARCINOGENS, 1994: ANTICIPATED TO BE CARCINOGEN. 29 CFR 1910.1015 (1993):

CANCER SUSPECT AGENT. ANIMAL: LUNGS, REPRODUCTIVE SYSTEM (FP N).

Section 9 - Physical & Chemical Properties

SS-1 SUMMER GRADE CONCENTRATE

HCC:

NRC/State License Number:

Net Property Weight for Ammo:

Boiling Point: Boiling Point Text: 212F,100C

Melting/Freezing Point: Melting/Freezing Text: N/K

Decomposition Point: Decomposition Text: N/K

Vapor Pressure: N/A Vapor Density: N/A

Percent Volatile Organic Content:

Specific Gravity: 1.090 (H*2O=1)

Volatile Organic Content Pounds per Gallon:

pH: N/K

Volatile Organic Content Grams per Liter:

Viscosity: N/P

Evaporation Weight and Reference: NOT APPLICABLE

Solubility in Water: VERY SOLUBLE

Appearance and Odor: MOBILE DARK BLUE, LEMON FRAGRANCE

Percent Volatiles by Volume: 30(WT)

Corrosion Rate: N/K

Section 10 - Stability & Reactivity Data

SS-1 SUMMER GRADE CONCENTRATE

Stability Indicator: YES

Materials to Avoid:

STRONG ACIDS.

Stability Condition to Avoid:

EXCESS HEAT/FREEZING.

Hazardous Decomposition Products:

OXIDES OF NITROGEN.

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization:

NOT RELEVANT.

Section 11 - Toxicological Information

SS-1 SUMMER GRADE CONCENTRATE

Toxicological Information:

N/P

Section 12 - Ecological Information
SS-1 SUMMER GRADE CONCENTRATE

Ecological Information:

N/P

Section 13 - Disposal Considerations
SS-1 SUMMER GRADE CONCENTRATE

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (FP N).

Section 14 - MSDS Transport Information
SS-1 SUMMER GRADE CONCENTRATE

Transport Information:

N/P

Section 15 - Regulatory Information
SS-1 SUMMER GRADE CONCENTRATE

SARA Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Section 16 - Other Information
SS-1 SUMMER GRADE CONCENTRATE

Other Information:

N/P

HAZCOM Label Information

Product Identification: SS-1 SUMMER GRADE CONCENTRATE

CAGE: 54171

Assigned Individual: N

Company Name: SPEED SHORE CORP

Company PO Box:

Company Street Address1: 7002 EASTHAVEN

Company Street Address2: HOUSTON, TX 77017 US

Health Emergency Telephone: 800-231-6662

Label Required Indicator: Y

Date Label Reviewed: 02/07/1995

Status Code: C

Manufacturer's Label Number:

Date of Label: 02/07/1995

Year Procured: N/K
Organization Code: G
Chronic Hazard Indicator: Y
Eye Protection Indicator: YES
Skin Protection Indicator: YES
Respiratory Protection Indicator: YES
Signal Word: DANGER
Health Hazard: Moderate
Contact Hazard: Severe
Fire Hazard: None
Reactivity Hazard: None

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