

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

UNIVERSAL A/C DYE

OTHER NAMES

Product Number(s): 16234, 16235, 16240, 16241, 16242, 16243, 16276, 16356, 16357

PRODUCT USE & RESTRICTIONS

Used to pinpoint leaks in A/C systems

DISTRIBUTOR

Company: Service Solutions US LLC

Address: 655 Eisenhower Drive, Owatonna, MN 55060 USA

Telephone: (888) 533-6127

Emergency Telephone: (800) 535-5053

2. HAZARDS IDENTIFICATION

HAZARD RATINGS

Health	1
Fire	1
Physical	0
Personal Protection	B

3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name/Synonyms

Universal A/C Dye

CAS/EC Number

Proprietary

Mixture

100%

4. FIRST AID MEASURES

INHALATION

Although this product is not known to cause respiratory problems, if breathing is difficult, remove to fresh air and provide oxygen. Get medical attention if cough or other symptoms develop.

SKIN CONTACT

Remove contaminated clothing and wash affected area immediately with large amounts of soap and water. Get medical attention if irritation develops or persists.

EYE CONTACT

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention if irritation develops or persists.

INGESTION

Do not induce vomiting. Contact a physician. Never give anything by mouth to an unconscious person. If swallowed, immediately give two glasses of water.

SYMPTOMS

<u>Route of Exposure</u>	<u>Sign and Symptom</u>	<u>Primary Route</u>
Inhalation	May cause irritation to the nose, throat, and upper respiratory tract	ND
Eye contact	May cause irritation	ND
Skin contact	May cause irritation	ND
Ingestion	May be harmful if swallowed	ND

MEDICAL ATTENTION/SPECIAL TREATMENT

ND

5. FIREFIGHTING MEASURES**SUITABLE EXTINGUISHING MEDIA**

Water, foam, carbon dioxide, dry chemical

SPECIFIC HAZARDS

No known unusual hazards

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear. Contain runoff water. Contaminated extinguishing water must be disposed of in accordance with applicable regulations. Avoid breathing smoke, fumes, and decomposition products. Material will float on water.

6. ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES**

Wear appropriate personal protective equipment.

ENVIRONMENTAL PRECAUTIONS

This material is a concentrated colorant. Contain spilled material. Do not allow material to enter soil or surface water. Treat or dispose of waste material in accordance with all local, state/provincial and federal regulations.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Contain spilled material. Absorb spills with inert material. Avoid disposal into wastewater treatment facilities. Floor may become slippery. Wash area to prevent slipping. Large spillage should be dammed-off and pumped into containers. Take up the remainder with absorbent material. Prevent spilled

product from entering stream or drinking water supply. Treat or dispose of waste material in accordance with all local, state/provincial, and federal regulations.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Do not breathe vapor or get into eyes, on skin or clothing. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. When sampling containers use appropriate personal protective equipment. Use with adequate ventilation. Avoid extreme temperatures. Always keep containers tightly closed to avoid contamination. Avoid contact with strong oxidizing agents.

CONDITIONS FOR SAFE STORAGE

Keep out of reach of children. Avoid extreme temperatures. Always keep containers tightly closed to avoid contamination. Avoid contact with strong oxidizing agents. Protect containers from physical damage.

INCOMPATIBILITIES

ND

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Respiratory protection	Good general ventilation should be sufficient to control airborne levels. Under normal use conditions, with adequate ventilation, no special handling equipment is required.
Protective gloves	Wear protective gloves to minimize skin contamination.
Eye protection	Wear safety glasses or goggles.
Work/hygienic practices	For brief contact, normal work attire should be sufficient. When prolonged or repeated contact could occur, use protective clothing impervious to this material.
Other personal protection	As required by employer policies.

ENGINEERING CONTROLS

General ventilation normally adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Physical State: Liquid

ODOR

Petroleum odor

ODOR THRESHOLD

ND

pH

ND

MELTING POINT

ND

FREEZING POINT

ND

INITIAL BOILING POINT

ND

BOILING RANGE

ND

FLASH POINT

>100°C (212°F)

EVAPORATION RATE (ETHYL ACETATE=1)

ND

FLAMMABILITY

Solid: ND

Gas: ND

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS

LEL: NA

UEL: NA

VAPOR PRESSURE (mmHg)

ND

VAPOR DENSITY (AIR=1)

ND

RELATIVE DENSITY

NA

SOLUBILITY(IES)

In water: Insoluble

PARTITION COEFFICIENT: N-OCTANOL/WATER

ND

AUTOIGNITION TEMPERATURE

ND

DECOMPOSITION TEMPERATURE

ND

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable under normal conditions of storage and use

POSSIBILITY OF HAZARDOUS REACTIONS

Will not occur

CONDITIONS TO AVOID

Extreme temperatures, incompatible materials

INCOMPATIBLE MATERIALS

Strong oxidizers, strong acids and strong bases

HAZARDOUS DECOMPOSITION PRODUCTS

Decomposition will not occur if handled and stored properly. In the case of a fire, oxides of carbon, hydrocarbons, fumes and smoke may be produced.

11. TOXICOLOGICAL INFORMATION

ND

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Aquatic: ND

Terrestrial: ND

PERSISTENCE AND DEGRADABILITY

ND

BIOACCUMULATIVE POTENTIAL

ND

MOBILITY IN SOIL

ND

OTHER ADVERSE EFFECTS

ND

13.DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL

Due to the highly concentrated colour, avoid washing material into sewer systems without proper treatment and authorization by the treatment facility management. Treat or dispose of waste material in accordance with all local, state/provincial and federal regulations.

PACKAGING DISPOSAL

Unclean empty containers should be disposed of in the same manner as the contents. Treat or dispose of in accordance with all local, state/provincial and federal regulations.

14.TRANSPORT INFORMATION

UN NUMBER

ND

UN PROPER SHIPPING NAME

ND

TRANSPORT HAZARD CLASS(ES)

ND

PACKING GROUP

ND

MARINE POLLUTANT (YES/NO)

ND

SPECIAL PRECAUTIONS

ND

15.REGULATORY INFORMATION

TSCA

All ingredients are listed on the TSCA inventory

SARA 313

ND

CERCLA RQ

ND

RCRA CODE

ND

16. OTHER INFORMATION

CONTACT

SPX Corporation

LEGEND

ND = Not determined

NA = Not applicable

- The information provided herein is believed to be accurate and represents the best information currently available. However, SPX Corporation makes no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and assumes no liability resulting from use of SDS information.
- Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review.
- The SDS is a hazard communication tool and should be used to assist in risk assessment. Many factors determine whether the reported hazards are risks in the workplace or other settings. Risks may be determined by reference to exposures scenarios. Scale of use, frequency of use, and current or available engineering controls must be considered.
- For detailed advice on personal protective equipment, refer to the following U.S. Regulations and Standards:
 - OSHA Standards - 29 CFR:
 - 1910.132 - Personal Protective Equipment - General requirements
 - 1910.133 - Eye and face protection
 - 1910.134 - Respiratory Protection
 - 1910.136 - Occupational foot protection
 - 1910.138 - Hand Protection
 - Eye and face protection - ANSI Z87.1
 - Foot protection - ANSI Z41
- **RESPIRATORS MUST BE NIOSH APPROVED.**