



Preparation Date 27-Aug-2015

Revision date 27-Aug-2015

Revision Number: 1

Safety Data Sheet

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product Description: DECCO NoScald DPA
Canada

Other means of identification

Item#: 24-283A
Synonyms Not Available
Registration number(s) 2792-45
OTHER INFORMATION PMRA 30231.

Recommended use of the chemical and restrictions on use

Recommended use Scald inhibitor for pome fruit.
Uses advised against Activities contrary to label recommendation

Details of the Supplier of the Safety Data Sheet

Supplier Address

UPI
630 Freedom Business Center
Suite 402
King of Prussia, PA 19406

Emergency telephone number

Company Phone Number 626-358-1838
8:00 am - 5:00 pm (PST)
Emergency telephone number Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887
Medical: Rocky Mountain Poison Control Center
(866) 673-6671 (24hrs)

2. Hazards Identification

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Vapors)	Category 2
Specific target organ toxicity (repeated exposure)	Category 2

Label elements

EMERGENCY OVERVIEW

DANGER

hazard statements

Harmful in contact with skin
Fatal if inhaled
May cause damage to organs through prolonged or repeated exposure



appearance clear Yellow

Physical state liquid

Odor No information available

Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
In case of inadequate ventilation wear respiratory protection

Precautionary Statements - Response

Get medical advice/attention if you feel unwell
IF ON SKIN: Wash with plenty of soap and water
Call a POISON CENTER or doctor if you feel unwell
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed
Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

OTHER INFORMATION

- Very toxic to aquatic life with long lasting effects
- Very toxic to aquatic life
- May be harmful in contact with skin

3. Composition/information on Ingredients

Chemical name	CAS-No	Weight %	Trade secret
Diphenyl amine	122-39-4	31	

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

4. First aid measures

FIRST AID MEASURES

Eye contact

Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin contact

Wash off with warm water and soap. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Ingestion	Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice.

Most Important Symptoms and Effects, Both Acute and Delayed

Most Important Symptoms and Effects	No information available.
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Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to physician	No information available.
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5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media No information available.

Specific hazards arising from the chemical

No information available.

Hazardous combustion productsNo information available.

Explosion data

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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid contact with the skin and the eyes. Use personal protective equipment.

Environmental Precautions

Environmental precautions Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

Methods and material for containment and cleaning up

Methods for Clean-Up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

7. Handling and Storage

Precautions for safe handling

Handling Keep out of reach of children. Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. - No smoking.

Conditions for safe storage, including any incompatibilities

Storage Keep tightly closed in a dry and cool place.

incompatible materials Strong oxidizing agents. Strong acids.

8. Exposure Controls/Personal Protection

Exposure guidelines

Chemical name	ACGIH TLV	OSHA PEL
Diphenyl amine	TWA: 10 mg/m ³	(vacated) TWA: 10 mg/m ³

Engineering controls Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

Personal protective equipment

Eye/Face Protection Avoid contact with eyes. Use eye protection to avoid eye contact. Goggles.

Skin protection Chemical resistant gloves. Wear protective gloves/clothing.

Respiratory protection Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

General hygiene considerations

Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	liquid	Odor	No information available
appearance	clear Yellow		
color	No information available		

<u>Property</u>	<u>VALUES</u>	<u>Remarks/ • Method</u>
pH	7.2	
Melting point/freezing point	No information available	
Boiling Point/Range	No information available	
Flash Point	153 °C	Seta Closed Cup
Evaporation Rate	No information available	
flammability (solid, gas)	No information available	
Flammability limit in air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
vapor pressure	No information available	
Vapor Density	No information available	
Specific gravity	1.03 g/cc	
Water solubility	No information available	
Solubility in Other Solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
decomposition temperature	No information available	

Viscosity, kinematic No information available
 Dynamic viscosity No information available
 Explosive properties No information available
 Oxidizing properties No information available

OTHER INFORMATION

Softening point No information available
 molecular weight No information available
 VOC Content No information available
 density No information available
 Bulk density No information available

10. Stability and Reactivity

Reactivity

no data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

No information available.

incompatible materials

Strong oxidizing agents. Strong acids.

Hazardous decomposition products

No information available.

11. Toxicological Information

Information on Likely Routes of Exposure

Product information No Scald DPA EC-283
 Single exposure studies indicate:
 Oral - Practically non-toxic to rats (LD50 > 5,000 mg/kg)
 Dermal - No more than slightly toxic to rabbits (LD50 >2,000 mg/kg)
 Inhalation - No more than moderately toxic to rats (LC50 >1.46 mg/l; aerosol)
 Eye irritation - Slightly irritating to rabbits
 Skin irritation- Practically non-irritating to rabbits
 No skin allergy was observed in guinea pigs following repeated exposure.

Inhalation Harmful by inhalation.

Eye contact Moderately irritating to the eyes.

Skin contact May be harmful if absorbed through the skin.

Ingestion MAY BE HARMFUL IF SWALLOWED.

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Diphenyl amine 122-39-4	= 1165 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization No information available.
Mutagenic effects No information available.
Carcinogenicity There are no known carcinogenic chemicals in this product.
Reproductive effects Not Available.
STOT - Single Exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical Measures of Toxicity - Product information

LD50 Oral > 5,000 mg/kg (rat)
LD50 Dermal > 2,000 mg/kg (rat)
LC50 Inhalation: Inhalation LC50 > 1.46 mg/l (aerosol)

12. Ecological Information

ecotoxicity

Toxic to fish and aquatic invertebrates

18% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence/Degradability

No information available.

Bioaccumulation/ Accumulation

Bioaccumulative potential.

Chemical name	Log Pow
Diphenyl amine 122-39-4	3.5

Other Adverse Effects

No information available

13. Disposal Considerations

Waste Treatment Methods

Waste Disposal Method Dispose of in accordance with all applicable federal, state, and local laws and regulations.

Contaminated packaging Refer to product label.

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Diphenyl amine		Included in waste streams: F039, K083, K104		

Chemical name	Diphenyl amine
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14. Transport Information

DOT Not regulated when shipped domestically by highway in non-buk containers as per 49 CFR 171.4 When shipped in bulk, by vessel, or internationally use the IMDG shipping description:

TDG When shipped in Canada domestic highway non-bulk this product can be shipped as Not

regulated as per TDG 1.45.1

IATA

UN-No 3082
Proper shipping name Environmentally hazardous substances, liquid, n.o.s (Diphenylamine)
Hazard class 9
Packing group PG III

IMDG/IMO

UN-No 3082
Proper shipping name Environmentally hazardous substances, liquid, n.o.s (Diphenylamine)
Hazard class 9
Packing group PG III
Marine Pollutant Yes

15. Regulatory Information

International Inventories

USINV Not determined
DSL/NDL Not determined
EINECS/ELINCS Complies
ENCS Complies
China Complies
KECL Complies
PICCS Complies
AICS Complies
TSCA Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

Federal Regulations

SARA 313

Y

Chemical name	SARA 313 - Threshold Values
Diphenyl amine - 122-39-4	1.0

SARA 311/312 Hazardous

Categorization

Acute health hazard yes
Chronic health hazard NO
Fire hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CERCLA

RCRA

Pesticide Information

Component	FIFRA - Restricted Use	FIFRA - Pesticide Product Other Ingredients	FIFRA - Listing of Pesticide Chemicals	California Pesticides - Restricted Materials
Diphenyl amine 122-39-4 (31)			X	

State Regulations

State Right-to-Know

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Diphenyl amine	X	X	X		

International regulations

U.S. EPA Label information

EPA Pesticide registration number 2792-45

16. Other Information

NFPA HEALTH 1 flammability 1 Instability 0 Physical hazard -

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Revision Summary

Update to GHS format

Disclaimer

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return product at once, unopened, and the purchase price will be refunded. It is impossible to eliminate all risks associated with the use of this product. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Decco US Post-Harvest, Inc. harmless from any claims relating to such factors.

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