Safety Data Sheet

Issue Date: 29-Jun-2015 **Revision Date:** 18-May-2026 **Version** 2

1. IDENTIFICATION

Product identifier

Product Name Water and Stain Repellant

Other means of identification

SDS # ASP-019

Product Code Angelus 851-05-000

UN/ID No UN1950

Recommended use of the chemical and restrictions on use

Recommended use Water and stain repellant.

Details of the supplier of the safety data sheet

Supplier Address

Angelus Shoe Polish Co.
Florence Ave.
Santa Fe Springs, CA 90670
Ph: 562-941-4242

Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Aerosol spray **Physical state** Aerosol

Classification

Aerosols	Category 1
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Category 3 Target organ effects: Narcotic effects.	
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration hazard	Category 1

Label elements



Signal word

Danger

Hazard statements
Extremely flammable aerosol. Pressurized container: May burst if heated.
Causes skin irritation.
Causes serious eye irritation.
Suspected of damaging fertility or the unborn child.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.
May be fatal if swallowed and enters airways.

Precautionary Statements - Prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves, protective clothing, eye protection and face protection.
Wash face, hands and any exposed skin thoroughly after handling.
Do not breathe dust.
Use only outdoors or in a well-ventilated area.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.

Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of water and soap.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
Do NOT induce vomiting.

Precautionary Statements - Storage
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary Statements - Disposal
Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Other Information
Toxic to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	CAS No.	Weight-%
Hexane	110-54-3	30-60
Naphtha, petroleum, hydrotreated light	64742-49-0	15-40
Propane	74-98-6	10-30
N-Butane	106-97-8	10-30
Cyclohexane	110-82-7	1-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

Skin Contact Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. If breathing has stopped, give artificial respiration.

Ingestion Do not induce vomiting without medical advice. If vomiting occurs spontaneously, keep head below hips to prevent aspirating vomitus into lungs. If drowsy or unconscious, do not give anything by mouth; place individual on the left side with head down. Immediately call a poison center or doctor/physician.

Most important symptoms and effects, both acute and delayed

Symptoms May be harmful in contact with skin. Causes skin irritation. Causes eye irritation. Dermatitis may occur. Can cause defatting of skin tissue. May cause drowsiness or dizziness. High vapor/aerosol concentrations are irritating to the eyes and respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical. Foam. Water spray (fog).

Unsuitable Extinguishing Media Avoid spraying water directly into storage containers due to a danger of boil over.

Specific Hazards Arising from the Chemical
Contains gas under pressure; may explode if heated. Product is an extremely flammable aerosol.

Hazardous combustion products Carbon oxides.

Explosion data
Sensitivity to Static Discharge Prevent electrostatic charge build-up by using common bonding and ground techniques.

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 Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Persons not wearing protective equipment should leave area until cleanup is completed. Eliminate all ignition sources. Ventilate area of leak or spill. Soak up and contain spill with an inert (i.e. vermiculite, dry sand or earth) absorbent material.

Methods for Clean-Up Use non-sparking hand tools and explosion-proof electrical equipment. Sweep up absorbed material and shovel into suitable containers for disposal. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, well-ventilated place. Store locked up. Do not expose to temperatures exceeding 50 °C/122°F. Protect from sunlight.

Packaging Materials Empty containers retain product residue and can be hazardous.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Hexane 110-54-3	TWA: 50 ppm pSk	TWA: 500 ppm TWA: 1800 mg/m^3 (vacated) TWA: 50 ppm (vacated) TWA: 180 mg/m^3	TWA: 50 ppm; TWA: 180 mg/m^3; IDLH: 1100 ppm
Naphtha, petroleum, hydrotreated light 64742-49-0	TWA: 100 ppm pSk	-	-
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content, explosion hazard Sa	TWA: 1000 ppm TWA: 1800 mg/m^3 (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m^3	TWA: 1000 ppm; TWA: 1800 mg/m^3; IDLH: 2100 ppm
N-Butane 106-97-8	STEL: 1000 ppm explosion hazard	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m^3	TWA: 800 ppm; TWA: 1900 mg/m^3; IDLH: 1600 ppm
Cyclohexane 110-82-7	TWA: 100 ppm	TWA: 300 ppm TWA: 1050 mg/m^3 (vacated) TWA: 300 ppm (vacated) TWA: 1050 mg/m^3	TWA: 300 ppm; TWA: 1050 mg/m^3; IDLH: 1300 ppm

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area. Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure. The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Face shield and chemical anti-splash safety goggles. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene gloves have been suggested. Standard work clothing. Standard work shoes; discard if shoes can not be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection If TLV is exceeded, use a NIOSH/MSHA approved respirator for organic vapors. Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Aerosol		
Appearance	Aerosol spray	**Odor**	No information available
Color	No information available	**Odor Threshold**	No information available

Property	Values	Remarks • Method
pH	No information available	
Melting point / freezing point	No information available	
Initial boiling point / boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (Solid, Gas)	No information available	
Flammability Limit in Air		
Upper flammability or explosive limits	No information available	
Lower flammability or explosive limits	No information available	
Vapor Pressure	No information available	
Relative vapor density	No information available	
Relative Density	No information available	
Water Solubility	Completely soluble	
Solubility in other solvents	No information available	
Partition Coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Particle characteristics	No information available	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

10. STABILITY AND REACTIVITY

Reactivity
Not reactive under normal conditions.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid
Do not expose to temperatures exceeding 50 °C/122°F.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Eye contact may result in tearing, redness & pain.

Skin Contact May be harmful in contact with skin. Causes skin irritation. May include redness, drying and cracking of skin. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.

Inhalation May cause drowsiness or dizziness. May cause irritation to the mucous membranes and upper respiratory tract.

Ingestion May be fatal if swallowed and enters airways. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Hexane 110-54-3	= 25 g/kg (Rat)	= 3000 mg/kg (Rabbit)	= 48000 ppm (Rat) 4 h
Naphtha, petroleum, hydrotreated light 64742-49-0	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 73680 ppm (Rat) 4 h
Propane 74-98-6	-	-	> 800000 ppm (Rat) 15 min
N-Butane 106-97-8	-	-	= 658 g/m^3 (Rat) 4 h
Cyclohexane 110-82-7	= 12705 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 32880 mg/m^3 (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

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

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes eye irritation.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

Chemical name	ACGIH	IARC	NTP	OSHA
Naphtha, petroleum, hydrotreated light 64742-49-0	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans			

Reproductive toxicity Suspected of damaging fertility or the unborn child.

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard May be fatal if swallowed and enters airways.

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral) 6,092.10 mg/kg
ATEmix (dermal) 2,017.30 mg/kg
ATEmix (inhalation-vapor) 64.90 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity
Toxic to aquatic life with long lasting effects.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Hexane 110-54-3		LC50: 2.1 - 2.98mg/L (96h, Pimephales promelas)	
Naphtha, petroleum, hydrotreated light 64742-49-0		LC50: =8.41mg/L (96h, Oncorhynchus mykiss)	
Cyclohexane 110-82-7	EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: 3.96 - 5.18mg/L (96h, Pimephales promelas) LC50: 23.03 - 42.07mg/L (96h, Pimephales promelas) LC50: 24.99 - 44.69mg/L (96h, Lepomis macrochirus) LC50: 48.87 - 68.76mg/L (96h, Poecilia reticulata)	

Persistence/Degradability
Not determined.

Bioaccumulation
There is no data for this product.

Mobility

Chemical name	Partition coefficient
Hexane 110-54-3	4
Propane 74-98-6	1.09
N-Butane 106-97-8	2.31
Cyclohexane 110-82-7	3.44

Other adverse effects
Not determined

13. DISPOSAL CONSIDERATIONS

Disposal methods

Disposal of Wastes Empty, depressurized containers can not be reused. Can which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Cyclohexane 110-82-7				U056

California Hazardous Waste Status This product contains one or more substances that are listed with the State of California as a hazardous waste

Chemical name	California Hazardous Waste Status
Hexane 110-54-3	Toxic Ignitable
Cyclohexane 110-82-7	Toxic Ignitable

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

UN/ID No UN1950
Proper Shipping Name Aerosols
Transport hazard class(es) 2.1

IATA

UN number or ID number UN1950
Proper Shipping Name Aerosols, flammable
Transport hazard class(es) 2.1

IMDG

UN number or ID number UN1950
Proper Shipping Name Aerosols
Transport hazard class(es) 2.1

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AIIC
Hexane	X	ACTIVE	X	X	X	X	X	X	X
Naphtha, petroleum, hydrotreated light	X	ACTIVE	X	X		X	X	X	X
Propane	X	ACTIVE	X	X	X	X	X	X	X
N-Butane	X	ACTIVE	X	X	X	X	X	X	X
Cyclohexane	X	ACTIVE	X	X	X	X	X	X	X

Legend:

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*

DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

ENCS *- Japan Existing and New Chemical Substances*

IECSC *- China Inventory of Existing Chemical Substances*

KECL *- Korean Existing Chemicals Inventory*

PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

AICS *- Australian Inventory of Chemical Substances*

US Federal Regulations

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
Hexane 110-54-3	5000 lb / 270 kg (final RQ)		RQ 5000 lb final RQ RQ 2270 kg final RQ
Cyclohexane 110-82-7	1000 lb / 54 kg (final RQ)		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Hexane - 110-54-3	110-54-3	30-60	1.0
Cyclohexane - 110-82-7	110-82-7	1-5	1.0

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Cyclohexane	1000 lb			X

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
Hexane - 110-54-3	Male Reproductive

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Hexane 110-54-3	X	X	X
Propane 74-98-6	X	X	X
N-Butane 106-97-8	X	X	X
Cyclohexane 110-82-7	X	X	X

16. OTHER INFORMATION

NFPA	**Health hazards** -	**Flammability** -	**Instability** -	**Special hazards** -
HMIS	**Health hazards** -	**Flammability** -	**Physical hazards** -	**Personal protection** -

Issue Date: 29-Jun-2015
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Revision Note: Regulatory review and update to current OSHA standard

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet