SECTION 1: PRODUCT IDENTIFICATION

Product Name:	DV-20 LV
Synonyms:	
Product Number:	30-DV20LV-1G (1-gallon can), 30-DV20-5G (5-gallon pail)
Company:	Durável
Address:	225 Olympic St., Charlotte NC 28273
Business Phone:	(704) 837-7991
Emergency Phone:	Chemtrec US (800) 424-9300 CNN 1014580
Date of Current Revision:	August 13, 2024

SECTION 2: HAZARD IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Highly Flammable Liquid and Vapor, H225	Category 2
Aspiration Hazard, H304	Category 1
Acute Toxicity, Dermal, H312	Category 4
Acute Toxicity, Inhalation, H332	Category 4
Skin Corrosion/ Irritation, H315	Category 2
Serious Eye Damage/ Eye Irritation, H320	Category 2B
Carcinogenicity, H351	Category 2
Specific Target Organ Toxicity, Single Exposure (Respiratory Tract Irritation), H335	Category 3
Specific Target Organ Toxicity, Single Exposure (Narcotic Effects), H336	Category 3
Hazardous to the Aquatic Environment, Acute Hazard, H401	Category 2
Hazardous to the aquatic environment, long-term hazard, H411	Category 2

EMERGENCY OVERVIEW: This product is a clear liquid.

Signal Word: **DANGER**

Hazard Statements
H225: Highly flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H320: Causes eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.

H351: Suspected of causing cancer.
H401: Toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements

General

P102: Keep out of reach of children.
P103: Read carefully and follow all instructions.

Prevention

P203: Obtain, read and follow all safety instructions before use.
P210: Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ ventilating equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P264+P265: Wash hands and arms thoroughly after handling. Do not touch eyes.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response

P301+P317: IF SWALLOWED: Get medical help.
P302+P352: IF ON SKIN: wash with plenty of water and soap.
P303+P361+P353: IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower].
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P317: Get emergency medical help.
P318: If exposed or concerned, get medical advice.
P319: Get medical help if you feel unwell.
P331: Do NOT induce vomiting.
P332+P317: If skin irritation occurs: Get medical help.
P337+P317: If eye irritation persists: Get medical help.
P362+P364: Take off immediately all contaminated clothing and wash it before reuse.

P370+P378: In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish.
P391: Collect spillage.

Storage
P403+P233+P235: Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405: Store locked up.

Disposal
P501: Dispose of contents and container in accordance with local/ regional/ national regulations.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

Substance
This material is regulated as a mixture

Chemical Name	CAS No.	EC No.	% (by Weight)
Xylene	1330-20-7	215-535-7	5-15%
Ethylbenzene	100-41-4	NE	1-5%
Solvent Naptha (Petroleum), Light Aromatic	64742-95-6	265-192-2	10-20%
Cumene	98-82-8	NE	1-5%
Psuedocumene (1,2,4-Trimethylbenzene)	95-63-6	NE	1-5%
Naptha (petroleum), Heavy Alkylate	64741-65-7	NE	3-8%
Dimethyl Carbonate	616-38-6	210-478-4	60-70%
Non-Hazardous, Trade Secret			20-30%

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: FIRST-AID MEASURES

Description of First Aid Measures

General Advice — Move out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the doctor in attendance.

Inhalation — IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center/ doctor if you feel unwell.

Skin Contact	IF ON SKIN (or hair): Wash contact areas with plenty of soap and water. Remove contaminated clothing and shoes. Launder contaminated clothing before reuse. If skin irritation occurs: Get medical attention.
Eye Contact	IF IN EYES: Immediately flush eyes with plenty of water for 10 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. If irritation occurs, get medical assistance.
Ingestion	IF SWALLOWED: Do not induce vomiting. Call a physician immediately.
Note to Physician	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam, CO2, Dry chemical, water spray or fog.

Unsuitable extinguishing media	Do not use water jet.

Specific hazards arising from the substance or mixture

Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

Hazardous combustion products	Incomplete combustion products, Smoke, Fume, Oxides of carbon.

Explosion Data

Sensitivity to Mechanical Impact	Not available
Sensitivity to Static Discharge	Not available

Protective equipment and precautions for firefighters

Evacuate area. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel. Move containers from fire area if this can be done without risk.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Extinguish all flames in the vicinity. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Local authorities should be advised if significant spills cannot be contained. Ventilate closed spaces before entering. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See Section 8 of the SDS for Personal Protective Equipment.

Methods and material for containment and cleaning up

Large Spills Stop the flow of material, if this is without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material such as sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Small Spills Stop the flow of material, if this is without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Disposal according to local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product in the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust/ fumes/ gas/ mist/ vapors/ spray. Avoid contact with skin and eyes.

Separate working clothes from town clothes. Launder separately. Wash contaminated clothing

before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials, food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. The pressure in sealed containers can increase under the influence of heat. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8: EXPOSURE CONTROLS – PERSONAL PROTECTION

Exposure Limit Values

Component	Value / Source			
Cumene	TWA	245 mg/m3	50 ppm	OSHA Z1
Cumene	TWA	No data available	50 ppm	ACGIH
Pseudocumene (1,2,4-Trimethylbenzene)	TWA	No data available	25 ppm	ACGIH
Solvent Naptha (Petroleum), Light Aromatic	TWA	100 mg/m3	19 ppm	Exxon Mobile
Xylene	PEL	435 mg/m3	100 ppm	OSHA Z1
Xylene	TWA	435 mg/m3	100 ppm	ACGIH
Xylene	STEL	No data available	150 ppm	ACGIH
Naptha (petroleum), heavy alkylate	TWA	2,000 mg/m3	500 ppm	OSHA Z1
Ethylbenzene	PEL	435 mg/m3	100 ppm	OSAH Z1
Ethylbenzene	TWA	No data available	20 ppm	ACGIH

Occupational Exposure Controls

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures should provide adequate ventilation so that exposure limits are not exceeded. Use explosion-proof ventilation equipment.

Appropriate engineering controls

Exposure Controls Air contaminant levels should be controlled below the PEL or TLV for this product (see Exposure Guidelines).

Individual protection measures, such as personal protective equipment

Eye and face protection	Safety glasses .
Skin and body protection	Protective gloves. Wear suitable protective clothing.
Respiratory protection	Wear respiratory protection as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations.
Hygienic measures	Wash hands and exposed skin thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Contaminated clothing should be removed promptly. Wash contaminated clothing before reusing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	**Odor**	Aromatic, Solvent-Like
Appearance	Colorless Liquid	**Odor Threshold**	No data available
Color	Colorless		

Property	**Values**	**Remarks/Method**
pH	8.0 – 9.5	
Melting point/freezing point	-26.1 °C (-15 °F)	
Boiling point/Boiling range	90 °C (194 °F)	
Flash point	18 °C (65 °F)	
Evaporation rate	Not Available	
Flammability (solid, gas)	Not Available	
Flammability Limit in Air		
Upper flammability limit:	7%	
Lower flammability limit:	1%	
Vapor pressure	Not Available	
Vapor density	Not Available	
Relative density	1.024	
Water solubility	Very slightly soluble	
Solubility in other solvents	Not Available	
Partition coefficient	Not Available	
Autoignition temperature	Not Available	
Decomposition temperature	Not Available	
Kinematic viscosity	Not Available	
Dynamic viscosity	Not Available	
Explosive properties	Not Available	

Oxidizing properties	Not Available

Other Information

Softening point	Not Relevant
Molecular weight	Not Available
VOC Content (%)	<400 g/L
Density	8.545
Bulk Density	Not Available

SECTION 10: STABILITY AND REACTIVITY

Reactivity
Highly flammable liquid and vapor.

Chemical stability
Stable under normal conditions.

Possibility of Hazardous Reactions
No dangerous reactions known under normal conditions of use.

Conditions to avoid
Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

Incompatible materials
Oxidizing materials

Hazardous Decomposition Products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum Naptha, Light Aromatic 64742-95-6	8400 mg/kg (Rat)	>2000 mg/kg (Rabbit)	>5.2 mg/L, 3400 ppm, 4h
1,2,4-Trimethylbenzene 95-63-6	5000 mg/kg (Rat)	No data available	18 mg/L (Rat), 4h
Xylene 1330-20-7	4300 mg/kg (Rat)	>1700 mg/kg (Rabbit)	47.6 g/L, 5000 ppm (Rat), 4h
Dimethyl Carbonate 616-38-6	5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	5.36 mg/L (Rat), 4h
Cumene 98-82-8	1400 mg/kg (Rat)	>3160 mg/kg (Rabbit)	39 mg/L (Rat), 4h
Naptha (petroleum), heavy alkylate 64741-65-7	No data available	>2000 mg/kg (Rabbit)	No data available

Additional Information

Inhalation	No known significant effects or critical hazards
Eye Contact	Causes serious eye irritation, including itching, burning, redness, and tearing.
Ingestion	May be fatal if swallowed and enters airways.
Skin Contact	No specific data

Potential Chronic Health Effects

General	May cause damage to organs through prolonged or repeated exposure.
Carcinogenicity	Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental Effects	No known significant effects or critical hazards.
Fertility Effects	No known significant effects or critical hazards.

SECTION 12: ECOLOGICAL INFORMATION

Eco Toxicity
Toxic to aquatic life with long-lasting effects.

Toxicity to Fish

Chemical Name	Species	LC50 (mg/L)	Exposure (Method)
Petroleum Naptha, Light Aromatic 64742-95-6	Oncorhynchus mykiss	9.22	96h
1,2,4-Trimethylbenzene 95-63-6	Pimephales promelas	7.72	96h (flow-through)
Xylene 1330-20-7	Pimephales promelas	13.40	96h (flow-through)
	Pimephales promelas	25.53-29.97	96h (static)
	Oncorhynchus mykiss	2.66-4.09	96h
	Lepomis macrochirus	19.00	96h
	Lepomis macrochirus	13.10-16.50	96h (flow-through)
	Lepomis macrochirus	7.71-9.59	96h (static)
	Poecilia reticulata	30.26-40.75	96h (static)

Dimethyl Carbonate 616-38-6	Danio rerio	>= 100 mg/L	96h (flow-through)
Cumene 98-82-8	Pimephales promelas	6.04-6.61	96h (flow-through)
	Orcorhynchus mykiss	4.80	96h (flow-through)
	Orcorhynchus mykiss	2.70	96h (semi-static)
	Poecilia reticulata	5.10	96h (semi-static)

Chemical Name	**Algae/ Aquatic Plants EC50**	**Microorganisms EC50**	**Crustacea EC50**
Petroleum Naptha, Light Aromatic 64742-95-6	Pseudokirchneriella subcapitata 3.1 mg/L 72h	No data available	Daphnia magna 6.14 mg/L 48h
1,2,4-Trimethylbenzene 95-63-6	No data available	No data available	Daphnia magna 3.60 mg/L 48h
Xylene 1330-20-7	Pseudokirchneriella subcapitata 72 mg/L 14d	0.0084 mg/L 24h	Daphnia magna 3.82 mg/L 48h Gammarus lacustris 0.6 mg/L 48h
Dimethyl Carbonate 616-38-6	Pseudokirchneriella subcapitata >100 mg/L 72h (static)	>1000 mg/L 3h	Daphnia magna >100 mg/L 48h (static)
Cumene 98-82-8	Pseudokirchneriella subcapitata 2.6 mg/L 72h	0.89 mg/L 5 min 1.10 mg/L 15 min 1.48 mg/L 30 min 172 mg/L 24h	Daphnia magna 7.9-14.1 mg/L 48h

Persistence and degradability

Dimethyl Carbonate 616-38-6 aerobic – Exposure time 28d – Result: 86% - Readily biodegradable (OCED Test Guideline 301C)

Bioaccumulation

No data available

Mobility in Soil

Chemical Name	Partition Coefficient (log POW)
Petroleum Naptha, Light Aromatic 64742-95-6	3.42
1,2,4-Trimethylbenzene 95-63-6	3.63
Xylene 1330-20-7	2.77-3.15
Cumene 98-82-8	3.55

Other adverse effects

No known significant effects or critical hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

This material and its container must be disposed of as hazardous waste. Dispose in accordance with all local regulations and requirements. Do not allow this material to spill and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORTATION INFORMATION

DOT

UN/ID no.	1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
Special Precautions	Not available

IMDG

UN/ID no.	1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
Environmental Hazards	Marine Pollutant: No
Special Precautions	Not available

IATA

UN/ID no.	1263
Proper Shipping Name	Paint
Hazard Class	3
Packing Group	II
Environmental Hazards	No
Special Precautions	Not available

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

This product is hazardous according to OSHA 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Benzene [as part of xylene] (CAS 71-43-2)
Cumene (CAS 98-82-8)
Cancer, Central nervous system, Blood, Aspiration, Skin, Eye, Respiratory tract irritation, Flammability

CERCLA Hazardous Substance List (40 CFR 302.4)

Xylene (CAS 1330-20-7) listed
Ethylbenzene (CAS 100-41-4) listed
Cumene (CAS 98-82-8) listed

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories
Immediate Hazard – Yes
Delayed Hazard – Yes
Fire Hazard – Yes
Pressure Hazard – No
Reactivity Hazard - No

SARA 302 Extremely Hazardous Substance

Not listed

SARA 311/312 Hazardous chemical

No

SARA 313 (TRI reporting)

Xylene CAS 1330-20-7
Ethylbenzene (CAS 100-41-4)

Cumene (CAS 98-82-8)
Pseudocumene (1,2,4-Trimethylbenzene) (CAS 95-63-6)

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Xylene (CAS 1330-20-7)
Ethylbenzene (CAS 100-41-4)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated

Clean Water Act (CWA) Section 112(r) (40 CFR68.130)

Hazardous substance, Priority and Toxic pollutant

Safe Drinking Water Act (SDWA)

0 mg/l 0.005 mg/l

Massachusetts Right To Know Components – Substance List

Xylene (CAS 1330-20-7)
Benzene (CAS 71-43-2)
Ethylbenzene (CAS 100-41-4)

US. New Jersey Worker and Community Right-to-Know Act

Xylene (CAS 1330-20-7)
Benzene (CAS 71-43-2)
Ethylbenzene (CAS 100-41-4)
Toluene (CAS 108-88-3)
Cumene (CAS 98-82-8)
Pseudocumene (1,2,4-Trimethylbenzene) (CAS 95-63-6)
Naptha (petroleum), heavy alkylate (CAS 64741-65-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Xylene (CAS 1330-20-7)
Benzene (CAS 71-43-2)
Ethylbenzene (CAS 100-41-4)
Toluene (CAS 108-88-3)
Cumene (CAS 98-82-8)
Pseudocumene (1,2,4-Trimethylbenzene) (CAS 95-63-6)
Naptha (petroleum), heavy alkylate (CAS 64741-65-7)

US. Rhode Island Right-to-Know

Xylene (CAS 1330-20-7)
Benzene (CAS 71-43-2)
Ethylbenzene (CAS 100-41-4)
Toluene (CAS 108-88-3)
Cumene (CAS 98-82-8)
Pseudocumene (1,2,4-Trimethylbenzene) (CAS 95-63-6)

US. California Proposition 65

Carcinogens & Reproductive Toxicity (CRT): Listed substance

Benzene (CAS 71-43-2)
Ethylbenzene (CAS 100-41-4)
Toluene (CAS 108-88-3)

SECTION 16: OTHER INFORMATION

NFPA Class IB Liquid: Flash Point below 73° F, Boiling Point above 100° F

Issue Date	May 6, 2023
Revision Date	August 13, 2024

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. 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. Durável assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Durável assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety precautions are followed.

END OF SAFETY DATA SHEET