



Gentrol Point Source[®]

Roach Control Device with GENTROL[®]
Insect Growth Regulator

- AFFECTS ROACHES AND STORED PRODUCT PEST WITHOUT DIRECT CONTACT WITH THE DEVICE
- REDUCES ROACH AND STORED PRODUCT PEST POPULATIONS IN A WAY CONVENTIONAL INSECTICIDES CAN'T
- LABELED FOR USE IN FOOD HANDLING ESTABLISHMENTS

ACTIVE INGREDIENT:

(S)-Hydroprene (CAS #65733-18-8)..... 90.6%

OTHER INGREDIENTS:..... 9.4%

TOTAL:..... 100.0%

EPA Reg. No. 2724-469

EPA Est. No. 2724-TX-1

KEEP OUT OF REACH OF CHILDREN
CAUTION
See additional precautionary statements.

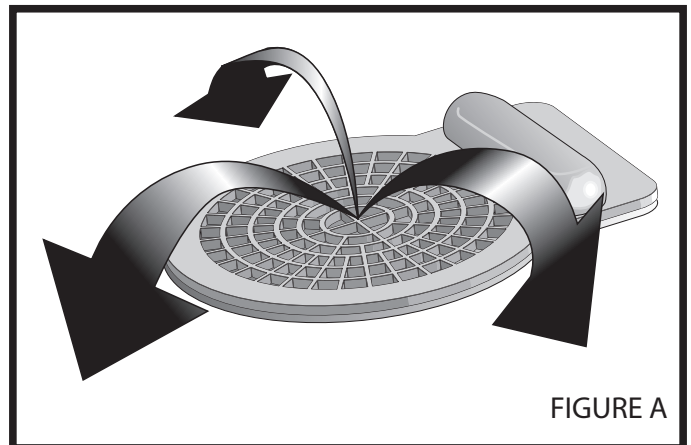
DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

The active ingredient in this special roach and Stored Products Pests (SPP - red, confused flour, and merchant beetles) control product is GENTROL[®] insect growth regulator - a biorational insecticide similar to insect growth hormones that occur naturally in roaches and SPP. GENTROL[®] is unique in that it controls roach and SPP populations by inhibiting reproduction and adult emergence. One to two weeks after application, you will begin to see roaches with crinkled wings, showing the initial effects of GENTROL[®]. These roaches cannot reproduce. Because immature roaches are prevented from developing into reproductive adults, this product effectively breaks the roach life cycle. GENTROL[®] prevents SPP from becoming adults thus breaking the life cycle. By inhibiting reproduction and adult emergence, GENTROL POINT SOURCE[®] Roach Control Device (GENTROL POINT SOURCE[®]), by itself, will control cockroach and SPP populations over time. For faster results, use GENTROL POINT SOURCE[®] in conjunction with EPA approved products that kill adult roaches and SPP. Roach and SPP populations are difficult to control because they reproduce so rapidly. However, when a conventional insecticide designed to kill adult roaches or SPP does not provide 100% elimination, GENTROL POINT SOURCE[®] works to prevent survivors from reestablishing the population.

SPECIMEN LABEL

Once GENTROL[®] is released, the active ingredient moves from the GENTROL POINT SOURCE[®] device into a localized area. Roaches and SPP do not have to come into contact with the GENTROL POINT SOURCE[®] device to be affected (See Figure A).



Use GENTROL POINT SOURCE[®] in buildings and modes of transportation. Permitted sites of application include restaurants, homes, hotels, kitchens, laboratories, apartment buildings, day care centers, machinery, equipment, greenhouses, hospitals, mausoleums, nursing homes, office buildings, schools, and warehouses. GENTROL POINT SOURCE[®] is also intended to be used in various modes of transportation including but not limited to aircraft, buses, trucks, trailers, rail cars, and marine vessels.

FOOD HANDLING ESTABLISHMENTS

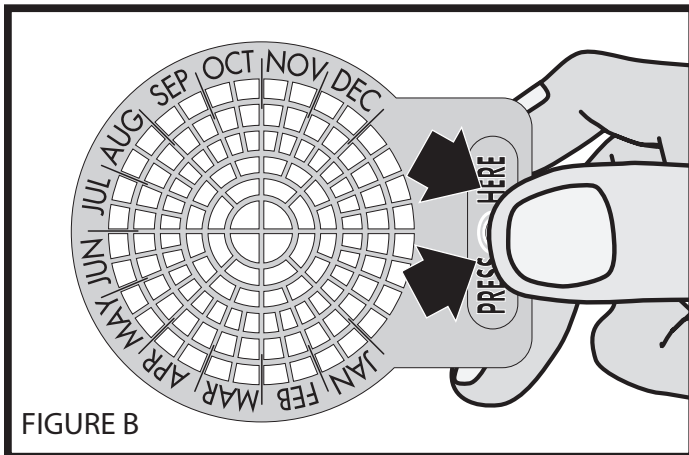
GENTROL POINT SOURCE[®] may be used in areas where food is handled or processed. Placements include areas for receiving, storage, packing, edible waste storage, machinery and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas would also be considered as a food area. GENTROL

POINT SOURCE® device must not come into direct contact with any food preparation surfaces. Keep GENTROL POINT SOURCE® device a minimum distance of 3 feet from exposed food.

GENTROL POINT SOURCE® can also be used where conventional sprays and foggers are not appropriate or where baits are less effective due to competing food sources.

APPLICATION DIRECTIONS

Do not activate the GENTROL POINT SOURCE® device until ready to use. To activate the GENTROL POINT SOURCE® device, press firmly between thumb and forefinger on the pouch located on the side of the device, until a snapping sound is heard indicating that the contents of the GENTROL® capsule have been released (See Figure B). Following activation, the GENTROL POINT SOURCE® device is now ready to apply. Place the GENTROL POINT SOURCE® device in any orientation (vertical or horizontal). Do not place in areas accessible to children.

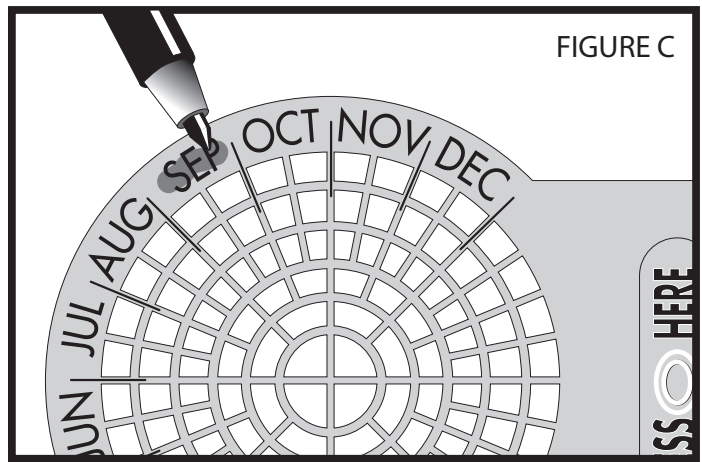


Press firmly between thumb and forefinger on the pouch located on the side of the device, until a snapping sound is heard, indicating that the contents of the GENTROL® capsule have been released.

Place the GENTROL POINT SOURCE® device in areas where roach or SPP activity has been observed. These areas include: in and around cabinets, closets, pantries, drawers, refuse areas, electrical boxes, equipment, and false ceilings. Also, place around doors, expansion joints, pipe chases, dressers, windows, heating and air conditioning ducts, refrigerators, and voids where pests are active.

Place one GENTROL POINT SOURCE® device to treat up to a 75 square foot area, paying particular attention to locations of roach or SPP activity. More devices may be needed in areas with a heavy roach or SPP infestation.

IMPORTANT! For vertical placement, expose sticky surface by removing paper backing and pressing the device firmly in place. In order for the GENTROL POINT SOURCE® device to adhere properly, wipe surface clean prior to application. Use as many tape strips as needed. Replace all devices every 3 months for continued effectiveness (See Figure C).



Mark with a pen the month when the GENTROL POINT SOURCE® is activated.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool area away from children.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID

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

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

For information or in case of an emergency, call **1-800-248-7763** or visit our Web site: **www.zoëcon.com**.

To the extent consistent with applicable law, Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. To the extent consistent with applicable law, Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

Wellmark International
1501 East Woodfield Road 200W
Schaumburg, Illinois 60173



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Safety Data Sheet

Section 1: Identification

Product identifier

Product Name

- **Gentrol Point Source Roach Control Device**

Synonyms

- 37890A; EPA Reg. No.: 2724-469; Zoecon (s)-Hydroprene Roach Control Station II

Product Description

- Straw-colored liquid in a clear ampoule.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use

- Insecticide.

Restrictions on use

- KEEP OUT OF THE REACH OF CHILDREN. Avoid contact with eyes, skin and clothing. Do not use or store near heat or open flame.

Details of the supplier of the safety data sheet

Manufacturer

- Wellmark International
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173
United States

Emergency telephone number

Manufacturer

- 1-800-248-7763

Manufacturer (Transportation)

- 1-800-424-9300 - CHEMTREC

Manufacturer (Transportation)

- 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

- Flammable Liquids 4
Eye Mild Irritation 2B
Skin Sensitization 1B

Label elements

OSHA HCS 2012

WARNING



Hazard statements • May cause an allergic skin reaction

Combustible liquid
Causes eye irritation

Precautionary statements

- Prevention** • Wash thoroughly after handling.
Avoid breathing dust, fume, gas, mist, vapors and/or spray.
Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
- Response** • IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
In case of fire: Use appropriate media for extinction.
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.
- Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Store in a well-ventilated place. Keep cool.

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	Identifiers	%
(S)-Hydroprene	CAS:65733-18-8	90.6%
Butylated hydroxytoluene	CAS:128-37-0	9.4%

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or doctor for further treatment advice.

Skin

- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye

- 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.

Ingestion

- IF SWALLOWED: Do not induce vomiting unless told to by a poison control center or doctor. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

- Causes eye irritation. May cause an allergic skin reaction. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media • LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

Unsuitable Extinguishing Media • Avoid heavy hose streams.

Firefighting Procedures • LARGE FIRES: Move containers from fire area if you can do it without risk. Stay upwind. Ventilate closed spaces before entering. Do not breathe gas/fumes/vapor/spray.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Combustible liquid.

Hazardous Combustion Products • No data available.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions • Do not walk through spilled material. Ventilate enclosed areas. Wear appropriate personal protective equipment, avoid direct contact.

Emergency Procedures • ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate closed spaces before entering.

Environmental precautions

- LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Containment/Clean-up Measures • Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Keep away from fire - No Smoking. Avoid breathing fumes. Use only in well ventilated areas. Wear appropriate personal protective equipment, avoid direct contact.

Conditions for safe storage, including any incompatibilities

Storage

- Store in a cool/low-temperature, well-ventilated dry place away from heat and ignition sources.

Incompatible Materials or Ignition Sources

- Heat, sparks, open flame.

Other Information

- See product label for additional information.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

- No data available.

Exposure Limits/Guidelines			
	Result	ACGIH	NIOSH
Butylated hydroxytoluene (128-37-0)	TWAs	2 mg/m ³ TWA (inhalable fraction and vapor)	10 mg/m ³ TWA

Exposure Limits Supplemental

ACGIH

- Butylated hydroxytoluene (128-37-0): **TLV Basis - Critical Effects:** (upper respiratory tract irritation)

Exposure controls

Engineering

- Use adequate ventilation to remove vapors (fumes, dust, etc.)

Measures/Controls

Personal Protective Equipment

Pictograms



Respiratory

- In case of insufficient ventilation, wear suitable NIOSH approved respiratory protection.

Eye/Face

- Wear chemical splash safety goggles.

Hands

- Wear appropriate gloves.

Skin/Body

- If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

Environmental Exposure Controls

- Refer to Section 13 - Disposal Considerations.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Straw-colored liquid in a clear ampoule.
Color	Straw colored.	Odor	Faint fruity.
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	= 0.89 Water=1	Water Solubility	Insoluble Water Solubility is 0.54 PPM
Viscosity	No data available	Critical Temperature	No data available
Volatility			
Vapor Pressure	< 1 mmHg (torr) @ 77 °F(25 °C)	Vapor Density	No data available
Evaporation Rate	< 1 n-Butyl Acetate = 1		
Flammability			
Flash Point	182°F (84°C)	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- Non-reactive

Chemical stability

- Stable

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Heat, sparks, open flame, other ignition sources, and oxidizing conditions.

Incompatible materials

- Store away from oxidizers.

Hazardous decomposition products

- No data available.

Section 11 - Toxicological Information

Information on toxicological effects

	CAS	
Gentrol Point Source Roach Control Device	NDA	Irritation: Eye-Rabbit • Mild irritation; Skin-Rabbit • Mild irritation
Components		
(S)-Hydroprene (90.6%)	65733-18-8	Acute Toxicity: Ingestion/Oral-Rat LD50 • >34600 mg/kg; Inhalation-Rat LC50 • >5.5 mg/L 4 Hour (s); Skin-Rabbit LD50 • >5000 mg/kg

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Mild Irritation 2B
Skin sensitization	OSHA HCS 2012 • Skin Sensitizer 1B
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Not classified - data lacking
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met

Potential Health Effects

Inhalation

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available

Skin

- Acute (Immediate)** • May cause an allergic skin reaction.
- Chronic (Delayed)** • No data available

Eye

- Acute (Immediate)** • Causes eye irritation.
- Chronic (Delayed)** • No data available

Ingestion

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** •
 - CHRONIC TOXICITY/CARCINOGENICITY (S)-Hydroprene: A chronic toxicity/carcinogenicity study in rats identified ovaries and the thyroid as target organs. An increased incidence of benign thyroid tumors was present in male rats only at the highest dose tested. Increased weights and macroscopic and microscopic changes in the ovaries were observed at the highest doses. NOEL for males was 1,000 ppm and for females 100 ppm. SUBCHRONIC TOXICITY (S)-Hydroprene: In a 90 -day subchronic feeding study in rats, the NOEL was 50 mg/kg/day. Changes in body weight and organ weights were observed at higher dose levels. Liver and ovaries were identified as target organs. No immunotoxic effects were observed in a study in mice when (S)-Hydroprene was fed (diet) at dose levels up to and including 1,200 mg/kg/day, continuously for 30 days.

Mutagenic Effects

- MUTAGENICITY: (S)-Hydroprene has been found negative for mutagenicity potential. It has tested negative in: 1) Ames Test, 2) in vivo cytogenetic assay, 3) micronucleus test (in vivo) and in 4) test for DNA effects- UDS in rats (in vitro).

Carcinogenic Effects

- (S)-Hydroprene: A chronic toxicity/carcinogenicity study in rats identified ovaries and the thyroid as target organs. An increased incidence of benign thyroid tumors was present in male rats only at the highest dose tested. Increased weights and

macroscopic and microscopic changes in the ovaries were observed at the highest doses. NOEL for males was 1,000 ppm and for females 100 ppm.

Reproductive Effects

- DEVELOPMENTAL AND REPRODUCTIVE TOXICITY(S)-Hydroprene: Parental reproductive performance in rats remained unaffected up to a dose level of 7,500 ppm, when evaluated in a 2- generation reproduction/toxicity study. Histologically, all females of 7,500 ppm dose group had cytoplasmic vacuolation in the ovaries, but without affecting reproductive performance. The NOEL for pup development was 1,500 ppm. No teratogenic or fetotoxic effects were observed in rats when pregnant animals were exposed (gavage) to (S) Hydroprene at levels up to 1,000 mg/kg/day (highest dose tested). NOEL for maternal toxicity was 1,000 mg/kg/day.

Section 12 - Ecological Information

Toxicity

Components		
(S)-Hydroprene (90.6%)	65733-18-8	Aquatic Toxicity-Fish: 96 Hour(s) NOEC <i>Rainbow trout</i> >0.43 mg/L [Acute]

Persistence and degradability

- No data available.

Bioaccumulative potential

- No data available.

Mobility in Soil

- No data available.

Other adverse effects

Potential Environmental Effects

- No data available.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. See product label for disposal instructions.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	Not Applicable	Not regulated in non-bulk packaging	Not Applicable	Not Applicable	Not Applicable
	NA1993	Bulk packaging: Combustible liquid, n.o.s.	3	III	Not Applicable
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable

IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	Not Applicable
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Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Other information

IMO/IMDG • No data available

IATA/ICAO • No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Acute

FIFRA – Pesticide Labeling

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

CAUTION

Precautionary Statements • KEEP OUT OF THE REACH OF CHILDREN.

Hazards to Humans and Domestic Animals

HAZARDS TO HUMANS AND DOMESTIC ANIMALS -CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

First Aid •

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

Inventory		
Component	CAS	TSCA
Butylated hydroxytoluene	128-37-0	Yes
(S)-Hydroprene	65733-18-8	No

Section 16 - Other Information

Revision Summary		
Revision Date	MSDS Number	Changes
06/April/2016		• Section 3 changed. Revised composition.

- Revision Date** • 06/April/2016
- Last Revision Date** • 20/July/2015
- Preparation Date** • 20/July/2015
- Disclaimer/Statement of Liability** •
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