Safety Data Sheet: REBOUND AEROSOL

Supercedes Date 02/12/2016 **Issuing Date** 01/30/2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name REBOUND AEROSOL
Recommended use Solvent-borne coatings
Information on Manufacturer
CHEMSEARCH DIV. OF NCH CORP.
BOX 152170
IRVING, TX 75015

Product Code 5536
Chemical nature Hydrocarbons Mixture
Emergency Telephone
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Black **Physical state** Liquid **Odor** Solvent

GHS Classification

Physical Hazards

Flammable Aerosols	Category 1
Gases under pressure	Compressed Gas

Health Hazard

Aspiration Toxicity	Category 1
Acute Oral Toxicity	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2A
Reproductive Toxicity	Category 2
Carcinogenicity	Category 1A
Specific target organ systemic toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2

Other hazards
None

Labeling
Signal Word
DANGER

Hazard statements
H222 - Extremely flammable aerosol
H336 - May cause drowsiness or dizziness
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H302 - Harmful if swallowed
H304 - May be fatal if swallowed and enters airways
H350 - May cause cancer
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure
H280 - Contains gas under pressure; may explode if heated

Precautionary Statements
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, sparks, open flames or hot surfaces.
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P260 - Do not breathe vapors, gas or mist
P271 - Use in a well-ventilated area.
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a physician if unwell.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs, get medical attention.
P363 - Wash contaminated clothing before reuse
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.
P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P308 + P313 - IF exposed or concerned, get medical attention
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122

°F
P403 - Store in a well-ventilated place
P501 - Dispose of contents and container in accordance with applicable local regulations.

14 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Toluene	108-88-3	10-30
Propane	74-98-6	10-30
Asphalt, oxidized	64742-93-4	10-30
Acetone	67-64-1	10-30
Stoddard solvent	8052-41-3	5-10
Talc, respirable dust	14807-96-6	3-7
Butane	106-97-8	3-7
Carbon Black	1333-86-4	1-5
Crystalline Silica (Quartz)	14808-60-7	0.1-1.0

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

4. FIRST AID MEASURES

General advice Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

Inhalation Move to fresh air. In case of shortness of breath, give oxygen. If breathing has stopped, apply artificial respiration. Get medical attention immediately.

Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

Notes to physician Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

5. FIRE-FIGHTING MEASURES

Flash Point -4 °F / -20 °C **Method** No data available

Flammability Limits in Air %: Mixture. **Upper:** 12.8 **Lower:** 0.9

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO2). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Extremely flammable. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Flame extension: >30 inches / >75 cm and Burnback: 2 inch / 5 cm. Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

Aerosol Level (NFPA 30B) - 3

NFPA **Health** 2 **Flammability** 4 **Instability** 0

HMIS - **Health** 2 **Flammability** 4 **Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Take precautionary measures against static discharges. Remove all sources of ignition. Material can create slippery conditions.

Environmental precautions Do not flush into surface water or sanitary sewer system.

Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.

Neutralizing Agent Not applicable.

7. HANDLING AND STORAGE

Handling Keep away from open flames, hot surfaces and sources of ignition. Avoid breathing vapors, mist or gas. Avoid contact with skin, eyes and clothing.

Storage Keep away from heat and sources of ignition. Store in original container. Keep containers tightly

closed in a dry, cool and well-ventilated place.

Storage Temperature	**Minimum**	35 °F / 2 °C		**Maximum**	120 °F / 49 °C		
Storage Conditions	**Indoor**	X	**Outdoor**	**Heated**		**Refrigerated**	

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Toluene	TWA: 20 ppm	TWA: 200 ppm Ceiling: 300 ppm	500 ppm STEL 150 ppm STEL 560 mg/m^3 TWA: 100 ppm TWA: 375 mg/m^3
Acetone	TWA: 250 ppm STEL: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m^3	2500 ppm TWA: 250 ppm TWA: 590 mg/m^3
Propane	Simple Asphyxiant. Significant quantities of component may displace oxygen, which is the limiting factor for exposure. See Appendix F of ACGIH Threshold Limit Values for Chemical Substances and Physical Agents for more information.	TWA: 1000 ppm TWA: 1800 mg/m^3	2100 ppm TWA: 1000 ppm TWA: 1800 mg/m^3
Stoddard solvent	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m^3	20000 mg/m^3 Ceiling: 1800 mg/m^3 TWA: 350 mg/m^3
Talc, respirable dust	TWA: 2 mg/m^3 particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	No data available	1000 mg/m^3 TWA: 2 mg/m^3 respirable dust
Butane	STEL: 1000 ppm	No data available	TWA: 800 ppm TWA: 1900 mg/m^3
Carbon Black	TWA: 3 mg/m^3 inhalable fraction	TWA: 3.5 mg/m^3	1750 mg/m^3 TWA: 3.5 mg/m^3 TWA: 0.1 mg/m^3
Crystalline Silica (Quartz)	: 0.025 mg/m^3 TWA (respirable fraction)	No data available	50 mg/m^3 respirable dust TWA: 0.05 mg/m^3 respirable dust

Engineering Measures Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields.

Skin Protection Wear suitable protective clothing, Impervious gloves.

Respiratory Protection In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	**Viscosity**	Non viscous - Slight viscous
Color	Black	**Odor**	Solvent
Odor Threshold	Not applicable	**Appearance**	Opaque
pH	Not applicable	**Specific Gravity**	1.050
Evaporation Rate	Not applicable	**Percent Volatile (Volume)**	0
VOC Content (%)	39.7	**VOC Content (g/L)**	416.9
Vapor Pressure	No information available	**Vapor Density**	No information available
Solubility	Insoluble	**n-Octanol/Water Partition**	No data available
Melting Point/Range	No data available	**Decomposition Temperature**	No data available
Boiling Point/Range	No data available	**Flammability (solid, gas)**	No data available
Flash Point	-4 °F / -20 °C	**Method**	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Mixture	**Upper:** 12.8 **Lower:** 0.9	

10. STABILITY AND REACTIVITY

Chemical Stability Stable. Hazardous polymerization does not occur.

Conditions to Avoid Keep away from open flames, hot surfaces, and sources of ignition.

Incompatible Products Strong oxidizing agents.

Decomposition Temperature	No data available
Hazardous Decomposition Products	Carbon oxides, Hydrocarbons.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information — No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure	Skin contact, Eye contact, Inhalation.
Primary Routes of Entry	Skin contact, Inhalation.
Acute Effects:	
Eyes	Causes serious eye irritation.
Skin	Causes skin irritation.
Inhalation	May cause irritation of respiratory tract. Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion and subsequent vomiting of this product can lead to aspiration of the product into the lungs which can cause damage and may be fatal.
Chronic Toxicity:	Contains a known or suspected carcinogen. Contains a known or suspected reproductive toxin.
Target Organ Effects:	Central nervous system, Kidney, Liver, Eyes, Skin, Lungs, Reproductive System.
Aggravated Medical Conditions	Kidney disorders, Skin disorders, Neurological disorders, Respiratory disorders, Liver disorders.

Component Information

Acute Toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Toluene 108-88-3	636 mg/kg (Rat)	8390 mg/kg (Rabbit); 12124 mg/kg(Rat)	12.5 mg/L/4h (Rat); > 26700 ppm (Rat)1h	No data available	No data available
Propane 74-98-6	No data available	no data available	= 658 mg/L (Rat) 4 h	No data available	No data available
Asphalt, oxidized 64742-93-4	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	No data available	No data available	No data available
Acetone 67-64-1	No data available	no data available	= 50100 mg/m^3 (Rat) 8 h	No data available	No data available
Butane 106-97-8	No data available	no data available	= 658 g/m^3 (Rat) 4 h	No data available	No data available
Crystalline Silica (Quartz) 14808-60-7	= 500 mg/kg (Rat)	no data available	no data available	No data available	No data available

Chemical Name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Toluene 108-88-3	No data available	No data available	yes	X	Skin; Central nervous system; Eyes; Respiratory system; Liver; Kidney
Propane 74-98-6	No data available	No data available	No data available	No data available	Central nervous system
Acetone 67-64-1	No data available	No data available	No data available	No data available	Skin; Central nervous system; Eyes; Respiratory system
Stoddard solvent 8052-41-3	No data available	No data available	No data available	No data available	Skin; Central nervous system; Eyes; Respiratory system; Kidney
Talc, respirable dust 14807-96-6	No data available	No data available	No data available	No data available	Eyes; Respiratory system
Butane 106-97-8	No data available	No data available	No data available	No data available	Central nervous system
Carbon Black 1333-86-4	No data available	No data available	No data available	No data available	Eyes; Respiratory system
Crystalline Silica (Quartz) 14808-60-7	No data available	No data available	No data available	No data available	Eyes; Respiratory system

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA	Other
Toluene 108-88-3	A4	Group 3	Not applicable	Not applicable	Not applicable
Asphalt, oxidized	Not applicable	Group 2A	Not applicable	X	Not applicable

64742-93-4					
Acetone 67-64-1	A4	Not applicable	Not applicable	Not applicable	Not applicable
Talc, respirable dust 14807-96-6	Not applicable	Group 3	Not applicable	Not applicable	Not applicable
Carbon Black 1333-86-4	A3	Group 2B	Not applicable	X	Not applicable
Crystalline Silica (Quartz) 14808-60-7	A2	Group 1	Known	X	Not applicable

12. ECOLOGICAL INFORMATION

Product Information — No information available.

Component Information

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficien
Toluene	EC50 > 433 mg/L Pseudokirchneriella subcapitata 96 h EC50 = 12.5 mg/L Pseudokirchneriella subcapitata 72 h	LC50 15.22 - 19.05 mg/L Pimephales promelas 96 h LC50 = 12.6 mg/L Pimephales promelas 96 h LC50 5.89 - 7.81 mg/L Oncorhynchus mykiss 96 h LC50 14.1 - 17.16 mg/L Oncorhynchus mykiss 96 h LC50 = 5.8 mg/L Oncorhynchus mykiss 96 h LC50 11.0 - 15.0 mg/L Lepomis macrochirus 96 h LC50 = 54 mg/L Oryzias latipes 96 h LC50 = 28.2 mg/L Poecilia reticulata 96 h LC50 50.87 - 70.34 mg/L Poecilia reticulata 96 h	EC50 = 19.7 mg/L 30 min	5.46 - 9.83: 48 h Daphnia magna mg/L EC50 Static 11.5: 48 h Daphnia magna mg/L EC50	2.65
Propane	No information available.	No information available.	No information available	No information available.	2.3
Asphalt, oxidized	EC50 = 56 mg/L Pseudokirchneriella subcapitata 72 h	No information available.	No information available	No information available.	N/A
Acetone	No information available.	LC50 4.74 - 6.33 mL/L Oncorhynchus mykiss 96 h LC50 6210 - 8120 mg/L Pimephales promelas 96 h LC50 = 8300 mg/L Lepomis macrochirus 96 h	EC50 = 14500 mg/L 15 min	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50	-0.24
Talc, respirable dust	No information available.	LC50 > 100 g/L Brachydanio rerio 96 h	No information available	No information available.	N/A
Butane	No information available.	No information available.	No information available	No information available.	2.89

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Contents under pressure. Do not puncture. Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT
- **Proper Shipping Name** CONSUMER COMMODITY
- **Hazard Class** ORM-D
- **Description** CONSUMER COMMODITY ORM-D

TDG
- **Proper shipping name** AEROSOLS, FLAMMABLE
- **Hazard Class** 2.1
- **UN-No** UN1950
- **Description** UN1950, AEROSOLS, FLAMMABLE, 2.1 LTD QTY

ICAO

Shipping Description	DO NOT SHIP AIR

IATA

Shipping Description	DO NOT SHIP AIR

IMDG/IMO

UN proper shipping name	AEROSOLS
Hazard Class	2.1
UN Number	UN1950
Description	UN1950, AEROSOLS, 2.1, LTD QTY

15. REGULATORY INFORMATION

Inventories

TSCA	Complies
DSL	Complies

U.S. Federal Regulations

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
Toluene	108-88-3	10-30	1.0

SARA 311/312 Hazardous Categorization

See Section 2

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA EHS RQs
Toluene	1000 lb	Not applicable
Acetone	5000 lb	Not applicable

16. OTHER INFORMATION

Prepared By	Samantha Purvis
Supercedes Date	02/12/2016
Issuing Date	01/30/2019
Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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