SHEET 0066220

SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form: Aerosol.

Product Name: 15 OZ SW ULTRA LOW VOC BRAKE CLNR 12PK

CAS No:

Synonyms:

1.2. Intended Use of the Product
Use of the substance/mixture: Cleaner

1.3. Name, Address, and Telephone of the Responsible Party
Company

Sprayway, Inc.

1005 S. Westgate Drive

Addison, IL 60101 United States

General Assistance 1-630-628-3000

1.4. Emergency Telephone Number

Emergency number	1-866-836-8855, Outside US 1-952-852-4646

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)	
Flammable aerosols	Category 1
Serious eye damage/eye irritation	Category 2A
Sensitization, skin	Category 1
Reproductive toxicity (the unborn child)	Category 2
Specific target organ toxicity, single exposure	Category 3

2.2. Label Elements

GHS-US Labeling			
Hazard Pictograms (GHS-US)	Flame	Health Hazard	Exclamation Mark
Signal Word (GHS-US)	Danger		
Hazard Statements (GHS-US)	Extremely flammable aerosol. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging the unborn child.		
Precautionary Statements	Prevention: Obtain special instructions before		

use.	
(GHS-US)	Do not handle until all safety precautions have been
	read and understood. 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.
	Avoid breathing gas. Wash thoroughly after handling.
	Use only outdoors or in a well-ventilated area.
	Contaminated work clothing must not be allowed out
	of the workplace. Wear protective gloves/protective
	clothing/eye protection/face protection.
	Response: If on skin: Wash with plenty of water. If
	inhaled: Remove person to fresh air and keep
	comfortable for breathing. If in eyes: Rinse
	cautiously with water for several minutes. Remove
	contact lenses, if present and easy to do. Continue
	rinsing. If exposed or concerned: Get medical
	advice/attention. Call a poison center/doctor if you
	feel unwell. Specific treatment (see this label). If
	skin irritation or rash occurs: Get medical

|advice/attention. If eye irritation persists: Get

|medical advice/attention. Wash contaminated
clothing
|before reuse.

|Storage: Store in a well-ventilated place. Keep

|container tightly closed. Store locked up. Protect

|from sunlight. Do not expose to temperatures

|exceeding 50°C/122°F.

|Disposal: Dispose of contents/container in

|accordance with

|local/regional/national/international regulations.

2.3. Other Hazards

Other Hazards Not Contributing to the Classification: None Known

2.4. Unknown Acute Toxicity (GHS-US)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name |Product identifier |% |Classification

			(GHS-US)

Full text of H-phrases: See Section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Acetone	67-64-1	60 - 80	
Methyl Acetate	79-20-9	10 - 20	
Carbon Dioxide	124-38-9	2.5 - 10	
Xylene	1330-20-7	2.5 - 10	
n-Heptane	142-82-5	1 - 2.5	
d-Limonene	5989-27-5	0.1 - 1	
Toluene	108-88-3	0.1 - 1	
Other components below reportable levels		2.5 - 10	

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.		

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General: IF exposed or concerned: Get medical advice/attention.

If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

Wash contaminated clothing before reuse.

First-aid Measures After Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

First-aid Measures After Skin Contact: In case of eczema or other skin disorders:

Seek medical attention and take along these instructions.

First-aid Measures After Eye Contact: Rinse with water. Get medical attention if

irritation develops and persists.

First-aid Measures After Ingestion: Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Dermatitis. May cause drowsiness and dizziness. Headache.

Nausea, vomiting. Irritation of nose and throat. Rash. Severe eye irritation.

Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction.

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms:

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Powder. Alcohol resistant foam. Carbon dioxide (CO2).

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Extremely flammable aerosol.

Explosion Hazard:

Reactivity:

5.3. Advice for Firefighters

Precautionary Measures Fire:

Firefighting Instructions: Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods: Use standard firefighting procedures and consider the hazards of

other involved materials. Move containers from fire area if you can do so without
risk. In the event of fire and/or explosion do not breathe fumes.

Protection During Firefighting: Firefighters must use standard protective

equipment including flame retardant coat, helmet with

face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Keep unnecessary personnel away. Keep people away from and

upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment
and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers
or spilled material unless wearing appropriate protective clothing. Ventilate

closed spaces before entering them. Local authorities should be advised if

significant spillages cannot be contained. For personal protection, see section 8
of the SDS.

6.1.1. For Non-emergency Personnel
Protective Equipment:

Emergency Procedures:

6.1.2. For Emergency Responders
Protective Equipment:

Emergency Procedures:

6.2. Environmental Precautions
Avoid release to the environment. Inform appropriate managerial or supervisory

personnel of all environmental releases. Prevent further leakage or spillage if

safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and Material for Containment and Cleaning Up
For Containment:

Methods for Cleaning Up: Refer to attached safety data sheets and/or
instructions
for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames
in
immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled

material. Stop leak if you can do so without risk. Move the cylinder to a safe
and
open area if the leak is irreparable. Isolate area until gas has dispersed.

Prevent product from entering drains. Following product recovery, flush area
with
water. For waste disposal, see section 13 of the SDS.

6.4. Reference to Other Sections
See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Hygiene Measures: When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before

eating, drinking, and/or smoking. Routinely wash work clothing and protective

equipment to remove contaminants. Contaminated work clothing should not be allowed
out of the workplace.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Level 2 Aerosol.

Storage Conditions: Store locked up. Pressurized container. Protect from sunlight
and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture,

incinerate or crush. Do not handle or store near an open flame, heat or other

sources of ignition. This material can accumulate static charge which may cause

spark and become an ignition source. Refrigeration recommended. Store away from

incompatible materials (see Section 10 of the SDS).

7.3. Specific End Use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters
Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components Type

Value

Acetone (CAS 67-64-1) PEL

2400 mg/m3

1000 ppm

Carbon Dioxide (CAS 124-38-9) PEL

9000 mg/m3

5000 ppm

Methyl Acetate (CAS 79-20-9) PEL

610 mg/m3

200 ppm

n-Heptane (CAS 142-82-5) PEL

2000 mg/m3

500 ppm

Xylene (CAS 1330-20-7) PEL

435 mg/m3

100 ppm

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components Type

Value

Toluene (CAS 108-88-3) Ceiling

300 ppm

TWA 200 ppm

US. ACGIH Threshold Limit Values

Components Type

Value

Acetone (CAS 67-64-1) STEL

750 ppm

TWA 500 ppm

Carbon Dioxide (CAS 124-38-9) STEL

30000 ppm

TWA 5000 ppm

Methyl Acetate (CAS 79-20-9) STEL

250 ppm

TWA 200 ppm

n-Heptane (CAS 142-82-5) STEL

500 ppm

TWA 400 ppm

Toluene (CAS 108-88-3) TWA

20 ppm

Xylene (CAS 1330-20-7) STEL

150 ppm

TWA 100 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components Type

Value

Acetone (CAS 67-64-1) TWA

590 mg/m3

250 ppm

Carbon Dioxide (CAS 124-38-9) STEL

54000 mg/m3

30000 ppm

TWA 9000 mg/m3

5000 ppm

Methyl Acetate (CAS 79-20-9) STEL

760 mg/m3

250 ppm

TWA 610 mg/m3

200 ppm

n-Heptane (CAS 142-82-5) Ceiling

1800 mg/m3

440 ppm

TWA 350 mg/m3

85 ppm

Toluene (CAS 108-88-3) STEL

560 mg/m3

150 ppm

TWA 375 mg/m3

100 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	50 mg/l	Acetone		

Urine *

Toluene (CAS 108-88-3) 0.3 mg/g o-Cresol, with

hydrolysis Creatinine in *

0.03 mg/l Toluene

Urine *

0.02 mg/l Toluene

Blood *

Xylene (CAS 1330-20-7 1.5 g/g
Methylhippuric
acids Creatinine in urine *

Exposure guidelines

US - California OELs: Skin designation

Toluene (CAS 108-88-3) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Toluene (CAS 108-88-3) Skin designation applies.

82. Exposure Controls

Appropriate Engineering Controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use

process	
	enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
Personal Protective Equipment	
Materials for Protective Clothing	
Hand Protection	Wear appropriate chemical resistant gloves.
Eye Protection	Wear safety glasses with side shields (or goggles).
Skin and Body Protection	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory Protection	If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.
Thermal Hazard Protection	Wear appropriate thermal protective clothing, when necessary.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Gas.
Appearance	
Odor	Not available.
Odor Threshold	Not available.
pH	Not available.
Relative Evaporation Rate (butylacetate=1)	Not available.
Melting Point	Not available.
Freezing Point	Not available.
Boiling Point	119.07 °F (48.37 °C) estimated
Flash Point	15.8 °F (-9.0 °C) estimated
Auto-ignition Temperature	851 °F (455 °C) estimated
Decomposition Temperature	Not available.
Flammability (solid, gas)	Not available.
Vapor Pressure	4753.91 psig @70F estimated
Relative Vapor Density at 20 °C	Not available.
Relative Density	Not available.

Specific Gravity	0.859 estimated
Solubility	Not available.
Partition coefficient:	Not available.
n-octanol/water	
Viscosity	Not available.
Lower Flammable Limit	3.1 % estimated
Upper Flammable Limit	16 % estimated

9.2. Other Information

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability

Material is stable under normal conditions.

10.3 Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

10.4 Conditions to Avoid

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5 Incompatible Materials

Strong acids. Acids. Strong oxidizing agents. Nitrates. Aluminum. Halogens.

10.6 Hazardous Decomposition Products

No hazardous decomposition products are known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity: Narcotic effects. May cause an allergic skin reaction.

Skin Corrosion/Irritation: Prolonged skin contact may cause temporary irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: Not available.

Skin sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: No data available to indicate product or any components

present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: Risk of cancer cannot be excluded with prolonged exposure.

Reproductive Toxicity: Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging the unborn child.

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness and dizziness.

Specific Target Organ Toxicity (Repeated Exposure): Not classified.

Aspiration Hazard: Not likely, due to the form of the product.

Symptoms/Injuries After Inhalation: May cause drowsiness and dizziness.
Headache.
Nausea, vomiting. Prolonged inhalation may be harmful.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries After Ingestion: Expected to be a low ingestion hazard.

Chronic Symptoms: Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

12.2. Persistence and Degradability
No data is available on the degradability of this product.

12.3. Bioaccumulative Potential
No data available.

Acetone	-0.24
d-Limonene	4.232
Methyl Acetate	0.18
n-Heptane	4.66
Toluene	2.73
Xylene	3.12 - 3.2

12.4. Mobility in Soil
No data available.

12.5. Other Adverse Effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone
creation potential, endocrine disruption, global warming potential) are expected

from this component.

SECTION 13: DISPOSAL CONSIDERATIONS
13.1. Waste treatment methods

Waste Disposal Recommendations: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional Information:

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between the
user, the producer and the waste disposal company.

US RCRA Hazardous Waste U List: Reference

Acetone (CAS 67-64-1)	U002
Toluene (CAS 108-88-3)	U220
Xylene (CAS 1330-20-7)	U239

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name	Aerosols, flammable, (each not exceeding 1 L capacity)	
Hazard Class	2.1	<PICTOGRAM PHRASE>[pic]
Identification Number	UN1950	
Label Codes	2.1	
ERG Number		

14.2 In Accordance with IMDG

Proper Shipping Name	AEROSOLS	
Hazard Class	2.1	
Identification Number	UN1950	
Label Codes	2.1	<PICTOGRAM PHRASE>[pic]
ntification Of The		
Substance/m		

EmS-No. (Fire)	F-D	
EmS-No. (Spillage)	S-U	

14.3 In Accordance with IATA

Proper Shipping Name	Aerosols, flammable	
Identification Number	UN1950	<PICTOGRAM PHRASE>[pic]
Hazard Class	2.1	
Label Codes	2.1	
ntification Of The		
Substance/m		
ERG Code (IATA)	10L	

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

<COMPONENT>

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1)

Listed.

Toluene (CAS 108-88-3)

Listed.

Xylene (CAS 1330-20-7)

Listed.

SARA 304 Emergency release notification:

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

SARA 302 Extremely hazardous substance

Not listed.

SARA 313 (TRI reporting)

Chemical name CAS number
%
by wt.

Xylene 1330-20-7

2.5 - 10

Ethyl Benzene 100-41-4

0.1 - 1

Toluene 108-88-3

0.1 - 1

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

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

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

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR

1310.02(b) and 1310.04(f)(2) and

Chemical Code Number

Acetone (CAS 67-64-1) 6532

Toluene (CAS 108-88-3) 6594

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21
CFR
1310.12(c))

Acetone (CAS 67-64-1) 35 %WV

Toluene (CAS 108-88-3) 35 %WV

DEA Exempt Chemical Mixtures Code Number

Acetone (CAS 67-64-1) 6532

SARA Section 311/312 Hazard Classes |Immediate Hazard - Yes

|Delayed Hazard - Yes

	Fire Hazard - Yes
	Pressure Hazard - No
	Reactivity Hazard - No
Toxic Substances Control Act (TSCA)	All components are on the U.S. EPA TSCA Inventory List.

15.2 US State Regulations

<COMPONENT>

US. Massachusetts RTK - Substance List

Acetone (CAS 67-64-1)

Carbon Dioxide (CAS 124-38-9)

Methyl Acetate (CAS 79-20-9)

n-Heptane (CAS 142-82-5)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

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

Acetone (CAS 67-64-1)

Carbon Dioxide (CAS 124-38-9)

Methyl Acetate (CAS 79-20-9)

n-Heptane (CAS 142-82-5)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

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

Acetone (CAS 67-64-1)

Carbon Dioxide (CAS 124-38-9)

Methyl Acetate (CAS 79-20-9)

n-Heptane (CAS 142-82-5)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

US. Rhode Island RTK

Acetone (CAS 67-64-1)

Toluene (CAS 108-88-3)

Xylene (CAS 1330-20-7)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to

cause cancer and birth defects or other

reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Ethyl Benzene (CAS 100-41-4)

Listed: June 11, 2004

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Toluene (CAS 108-88-3)

Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene (CAS 108-88-3)

Listed: August 7, 2009

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date	
Other Information	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

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