

CB911 Solvent Wipe

ACCORDING TO US CFR 1910.1200

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Product Name CB911 Solvent Wipe

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

Identified Use(s) An industrial degreaser designed to remove oil, grease, wax, moisture, dirt or other contaminants from parts and equipment.

Uses Advised Against Not known.

1.3 Details of the supplier of the safety data sheetCompany Identification Click Bond, Inc.
Address 2151 Lockheed Way
Carson City, NV 89706
USA

Telephone +1 (775) 885-8000

E-mail Glenn.Hutt@clickbond.com**1.4 Emergency telephone number**

VelocityEHS 1+ (813) 248-0573

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**US CFR 1910.1200 Flam. Liq. 2 :Highly flammable liquid and vapor.
Asp. Tox. 1 :May be fatal if swallowed and enters airways.
Skin Irrit. 2 :Causes skin irritation.
Eye Irrit. 2A :Causes serious eye irritation.
STOT SE 3 :May cause drowsiness or dizziness.
Liq. Static :Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.**2.2 Label elements**

According to US CFR 1910.1200

Product Name CB911 Solvent Wipe

Hazard Pictogram(s)



GHS02



GHS08



GHS07

Signal Word(s) Danger

Hazard Statement(s) H225: Highly flammable liquid and vapor.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

**CB911 Solvent Wipe**

Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

Precautionary Statement(s)

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P261: Avoid breathing vapors.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331: Do NOT induce vomiting.
P370+P378: In case of fire: Use foam, water spray or fog to extinguish.

2.3 Other hazards

Repeated exposure may cause skin dryness or cracking.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Heptane, branched, cyclic and linear	426260-76-6	30-40	Flam. Liq. 2 H225 Asp. Tox. 1 H304 Skin Irrit. 2 H315 STOT SE 3 H336	GHS02 GHS08 GHS07
Acetone	67-64-1	30-40	Flam. Liq. 2 H225 Eye Irrit. 2A H319 STOT SE 3 H336 Liq. Static	GHS02 GHS07
Methylcyclohexane	108-87-2	20-30	Flam. Liq. 2 H225 Asp. Tox. 1 H304 Skin Irrit. 2 H315 STOT SE 3 H336	GHS02 GHS08 GHS07
Pentyl acetate	628-63-7	1-5	Flam. Liq. 3 H226 Liq. Static	GHS02

For full text of H/P Statements see section 16.

**CB911 Solvent Wipe****SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures**

Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs: Get medical advice/attention.
Eye Contact	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	Do not induce vomiting. Immediately call a POISON CENTER/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Causes irritation to eyes and skin. May be fatal if swallowed and enters airways.
May cause drowsiness or dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing media	Use foam, water spray or fog to extinguish. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing media	Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapor. Vapors are heavier than air and may travel considerable distances to a source of ignition and flashback. Decomposes in a fire giving off toxic fumes: Oxides of carbon.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Eliminate sources of ignition. Avoid inhalation of vapors. Wear appropriate personal protective equipment, avoid direct contact. Take off contaminated clothing and wash it before reuse. Wash hands and exposed skin after use.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal. Flush spill area with copious amounts of water.

6.4 Reference to other sections

See Also Section 8, 13.



CB911 Solvent Wipe

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Take precautionary measures against static discharge. Avoid breathing vapors. Avoid contact with skin and eyes. Wear protective gloves/protective clothing/eye protection/face protection. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke at the work place.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Storage temperature Ambient.

Storage life Stable under normal conditions.

Incompatible materials Strong oxidizing agents, Acids.

7.3 Specific end use(s)

An industrial degreaser designed to remove oil, grease, wax, moisture, dirt or other contaminants from parts and equipment.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Acetone	67-64-1	250	594	500	1187	ACGIH TLV, A4
Acetone	67-64-1	500		750		OSHA PEL, C = 3000ppm
Acetone	67-64-1	250	590			NIOSH REL Z-1
Acetone	67-64-1	1000	2400			OSHA PEL Z-1
Methylcyclohexane	108-87-2	400	1610			ACGIH TLV
Methylcyclohexane	108-87-2	400				OSHA PEL
Methylcyclohexane	108-87-2	400	1600			NIOSH REL Z-1
Methylcyclohexane	108-87-2	500	2000			OSHA PEL Z-1
Pentyl acetate (all isomer)	628-63-7	50	266	100	532	ACGIH TLV
Pentyl acetate	628-63-7	50		100		OSHA PEL
Pentyl acetate	628-63-7	100	525			NIOSH REL Z-1
Pentyl acetate	628-63-7	100	525			OSHA PEL Z-1

Remark	Notes
ACGIH TLV	The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Values (TLVs®), 2022
A4	Not Classifiable as a Human Carcinogen
OSHA PEL	Occupational Safety and Health (Cal/OSHA) Permissible Exposure Limits (PELs), 2019
NIOSH REL Z-1	National Institute for Occupational Safety and Health (NIOSH) Recommended Exposure Limits (RELs) from the NIOSH Pocket Guide to Chemical Hazards table Z-1: Up to 10-hour time weighted average (TWA) during a 40-hour work week, 2022
OSHA PEL Z-1	Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) from 29 CFR 1910.1000 Z-1 Table, 2022

CB911 Solvent Wipe

Biological Exposure Indices						
Substances	CAS No.	Sampling	Tissues	Control parameters	Biological monitoring guidance value	Comments
Acetone	67-64-1	End of Shift	urine	Acetone	25 mg/l	Ns

Remark Notes
 Ns Nonspecific

8.2 Exposure controls

8.2.1. Appropriate engineering controls Local exhaust recommended. Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection Wear protective eye glasses for protection against liquid splashes.



Skin protection Wear protective gloves.
 Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection Wear suitable respiratory protection.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid. Color : Clear, Colorless.
Odor	Ether-like, Fruity odor.
Odor threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	>132.8°F (>56°C)
Flash Point	1.4°F (-17°C) [Closed cup]
Evaporation rate (Butyl acetate = 1)	>1
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Flammable Limits (Lower) (%v/v) : 1.2 Flammable Limits (Upper) (%v/v) : 12.8
Vapor pressure	>75 mm Hg @ 68°F /20°C
Vapor density	~3 (Air =1)
Density (g/ml)	Not known.
Relative density	0.74-0.76 @ 68°F /20°C

CB911 Solvent Wipe

Solubility(ies)	Solubility (Water) : 35% (Partly soluble in water.) Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Log Pow -0.24 (Acetone) Log Pow 3.61 (Methylcyclohexane)
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Kinematic Viscosity : 0.88 mm ² /s @ 68°F /20°C (Methylcyclohexane)
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
9.2 Other information	
Heat of Combustion	>30 kJ/g
Percent Volatile (%):	100
Volatile Organic Compound Content (%):	65

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity**

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to avoid

Heat and direct sunlight.

10.5 Incompatible materials

Strong oxidizing agents, Acids.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

Acute toxicity - Ingestion	Calculation method : Not classified. Acetone: LD50 (oral, rat) mg/kg: 5800 Methylcyclohexane: LD50 (oral, rat) mg/kg: >3200
Acute toxicity - Skin Contact	Calculation method : Not classified. Acetone: LD50 (skin, rabbit) mg/kg: 7400
Acute toxicity - Inhalation	Calculation method : Not classified. Acetone: LC50 (inhalation, rat) mg/l/4h: 76
Skin corrosion/irritation	Calculation method : Causes skin irritation. No data.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation. No data.
Skin sensitization data	Calculation method : Not classified. It is not a skin sensitizer.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified. There is no evidence of mutagenic potential.

**CB911 Solvent Wipe**

Carcinogenicity	Calculation method : Not classified. No evidence of carcinogenicity.
Reproductive toxicity	Calculation method : Not classified. No evidence of reproductive effects.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : May cause drowsiness or dizziness. No data.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : May be fatal if swallowed and enters airways. No data. Methylcyclohexane: Dynamic viscosity: 0.679 mPa*s @ 68°F /20°C

11.2 Other information

Repeated exposure may cause skin dryness or cracking.

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity**

	Toxic to aquatic life with long lasting effects.
Toxicity - Aquatic invertebrates	No data.
Toxicity - Fish	No data.
Toxicity - Algae	No data.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability

No information on this formulation.
Acetone : Readily biodegradable.

12.3 Bioaccumulative potential

The product has low potential for bioaccumulation.
Acetone : Log Pow : -0.24
Methylcyclohexane : Log Pow : 3.61

12.4 Mobility in soil

Partly soluble in water. The product is predicted to have moderate mobility in soil.

12.5 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Dispose at suitable refuse site.

13.2 Additional Information

Waste code	Disposal should be in accordance with local, state or national legislation. D001 Ignitability: Waste flammable material with a flash point <140°F.
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CB911 Solvent Wipe

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

UN No. 1993

14.2 UN proper shipping name

UN proper shipping name FLAMMABLE LIQUIDS N.O.S. (Heptane, branched, cyclic and linear, Acetone)

14.3 Transport hazard class(es)

ADR/RID

ADR/RID Class	3
ADR Classification Code	F1
Special Provisions	274 601 640D
Limited Quantities	1 L
Excepted Quantities	E2
Emergency Action Code	•3YE
Mixed Packing Instructions for Packages	P001 IBC02 R001
Special Packing Provisions for Packages	
Mixed Packing Instructions for Packages	MP19
Instructions for Portable Tanks	T7
Special Provisions for Portable Tanks	TP1 TP8 TP28
Tank Code for Tanks	LGBF
Special Provisions for Tanks	
Vehicle for Tank Carriage	FL
ADR Transport Category	2
Tunnel Restriction Code	D/E
Special Provisions for Carriage - Packages	
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	
Special Provisions for Carriage - Operation	S2 S20
ADR HIN	33
IMDG	
IMDG Class	3
Special Provisions	274 601 640D
Limited Quantities	1 L
Excepted Quantities	E2
Mixed Packing Instructions for Packages	P001 IBC02 R001
Special Packing Provisions for Packages	
Instructions for Portable Tanks	T7
Special Provisions for Portable Tanks	TP1 TP8 TP28
IMDG EMS	F-E, S-E
Stowage and Handling	Category B
Segregation	
Marine Pollutant	Classified as a Marine Pollutant.

CB911 Solvent Wipe

ICAO/IATA

IATA Proper Shipping Name	FLAMMABLE LIQUIDS N.O.S. (Heptane, branched, cyclic and linear, Acetone)
Excepted Quantities	E2
Passenger and Cargo Aircraft Limited	Y341
Quantities Packing Instructions	
Passenger and Cargo Aircraft Limited	1L
Quantities Max net Qty	
Passenger and Cargo Aircraft Packing Instructions	353
Passenger and Cargo Aircraft Max net Qty	5L
Cargo Aircraft Packing Instructions	364
Cargo Aircraft Max net Qty	60L
Special Provisions	A3
Emergency Response Guidebook (ERG) Code	3H
Labels	3



14.4 Packing group

Packing group II

14.5 Environmental hazards

Environmental hazards Classified as a Marine Pollutant.

14.6 Special precautions for user

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Toxic and hazardous substances (29 CFR 1910; Subpart Z)	Listed : 67-64-1, 108-87-2, 628-63-7
National emission standards for hazardous air pollutants (40 CFR 61.01)	Not listed
SARA Title III Section 313	Not listed
TSCA (Toxic Substance Control Act)	Listed : 426260-76-6, 67-64-1, 108-87-2, 628-63-7
CAA 602 - Ozone Depleting Substances (ODS)	Not listed

CB911 Solvent Wipe

15.2 US State Regulations

State Right to Know Lists

Proposition 65 (California)	Not listed
Massachusetts	Listed : 67-64-1, 108-87-2, 628-63-7
Minnesota	Listed : 67-64-1, 108-87-2, 628-63-7
New Jersey	Listed : 67-64-1, 108-87-2, 628-63-7
Pennsylvania	Listed : 67-64-1, 108-87-2, 628-63-7
Rhode Island	Listed : 67-64-1, 108-87-2, 628-63-7

15.3 Other

OSPAR List of Chemicals for Priority Action	Not listed
OSHA (List of Highly Hazardous Chemicals, Toxics and Reactives)	Not listed
NTP (National Toxicology Program)	Not listed
IARC (International Agency for Research on Cancer)	Not listed

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

LEGEND

Hazard Pictogram(s)



GHS02



GHS08



GHS07

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2
 Flam. Liq. 3 : Flammable liquid, Category 3
 Asp. Tox. 1 : Aspiration hazard, Category 1
 Skin Irrit. 2 : Skin corrosion/irritation, Category 2
 Eye Irrit. 2A : Serious eye damage/irritation, Category 2A
 STOT SE 3 : Specific target organ toxicity — single exposure, Category 3
 Liq. Static : Static Accumulating Flammable Liquids

Hazard Statement(s)

H225: Highly flammable liquid and vapor.
 H226: Flammable liquid and vapor.
 H304: May be fatal if swallowed and enters airways.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H336: May cause drowsiness or dizziness.
 Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

**CB911 Solvent Wipe**

Precautionary Statement(s)

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233: Keep container tightly closed.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing vapors.
P264: Wash hands and exposed skin thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P352: IF ON SKIN: Wash with plenty of water.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
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.
P312: Call a POISON CENTER/doctor if you feel unwell.
P321: Specific treatment (see Medical Advice on this label).
P331: Do NOT induce vomiting.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P370+P378: In case of fire: Use foam, water spray or fog to extinguish.
P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P403+P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.
P501: Dispose of contents in accordance with local, state or national legislation.

Acronyms

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
IATA : International Air Transport Association
IBC : Intermediate Bulk Container
ICAO : International Civil Aviation Organization
IMDG : International Maritime Dangerous Goods
LTEL : Long term exposure limit
RID : Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
UN : United Nations

**CB911 Solvent Wipe**

Key literature references and sources for US CFR 1910.1200
data used to compile the SDS

Disclaimers

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