



# SAFETY DATA SHEET

Revision date 12-Jun-2017

Version 4

Supersedes Date: 06-Jun-2017

## Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name** QUICKBASE-D SLOW REDUCER

**Product Code** FS-57185.G01

**UN/ID no** UN1263

**Recommended Use** Paint remover, Solvents/thinner

### Details of the supplier of the safety data sheet

*See section 16 for more information*

5 STAR XTREME  
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**E-mail address** [No information available](#)

**Emergency telephone number** Chemtrec: 800-424-9300

## Section 2: HAZARDS IDENTIFICATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

### Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1
Flammable liquids	Category 2

### Label elements



**Signal word**

**DANGER**

#### HAZARD STATEMENTS

Highly flammable liquid and vapor  
Causes skin irritation  
Causes serious eye damage  
Suspected of causing cancer  
May be fatal if swallowed and enters airways  
May cause drowsiness or dizziness  
May cause respiratory irritation

#### PREVENTION

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### RESPONSE

IF exposed or concerned: Get medical advice/attention.

##### Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

##### Skin

If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

##### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

##### Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

##### Fire

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

#### STORAGE

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

#### DISPOSAL

Dispose of contents/containers in accordance with local regulations.

#### OTHER HAZARDS

Not applicable.

#### UNKNOWN ACUTE TOXICITY

0% of the mixture consists of ingredient(s) of unknown toxicity.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
Diisobutyl ketone	108-83-8	45 - 50
Solvent naphtha, petroleum, light aliphatic	64742-89-8	15 - <20
1-Butanol	71-36-3	10 - <15
Methyl propyl ketone	107-87-9	3 - <5
4-Heptanol, 2,6-dimethyl-	108-82-7	1 - <3

2-Pentanone, 4-methyl-	108-10-1	0.1 - <0.3
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## Section 4: FIRST AID MEASURES

### First Aid Measures

#### General advice

IF exposed or concerned: Get medical advice/attention

#### Eye contact

Immediately call a POISON CENTER or doctor/physician IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

#### Skin Contact

Wash contaminated clothing before reuse If skin irritation occurs: Get medical advice/attention IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

#### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing

#### Ingestion

Do NOT induce vomiting IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

## Section 5: FIRE FIGHTING MEASURES

**Flammable properties** Flammable liquid.

**flash point** 52 °F / 11 °C

**Upper flammability limit:** No information available

**Lower flammability limit:** No information available

**Autoignition temperature** No information available

#### Explosion data

Sensitivity to Mechanical Impact No information available.  
Sensitivity to Static Discharge No information available.

#### Suitable extinguishing media

Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

#### Specific hazards arising from the chemical

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.

#### Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

## Section 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

### Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

### Methods for containment

Prevent further leakage or spillage if safe to do so.

### Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## Section 7: HANDLING AND STORAGE

### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

### General Hygiene Considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

### Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### Exposure Limits

If S\* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical Name	ACGIH TLV	Alberta	British Columbia	Ontario TWA	Quebec	OSHA PEL
Diisobutyl ketone 108-83-8	TWA: 25 ppm	TWA: 25 ppm TWA: 145 mg/m <sup>3</sup>	TWA: 25 ppm	TWA: 25 ppm	TWA: 25 ppm TWA: 145 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 290 mg/m <sup>3</sup>
1-Butanol 71-36-3	TWA: 20 ppm	TWA: 20 ppm TWA: 60 mg/m <sup>3</sup>	TWA: 15 ppm Ceiling: 30 ppm	TWA: 20 ppm	Ceiling: 50 ppm Ceiling: 152 mg/m <sup>3</sup> S*	TWA: 100 ppm TWA: 300 mg/m <sup>3</sup>
Methyl propyl ketone 107-87-9	STEL: 150 ppm	TWA: 200 ppm TWA: 705 mg/m <sup>3</sup> STEL: 250 ppm STEL: 881 mg/m <sup>3</sup>	TWA: 150 ppm STEL: 250 ppm	STEL: 150 ppm	TWA: 150 ppm TWA: 530 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 700 mg/m <sup>3</sup>
2-Pentanone, 4-methyl- 108-10-1	STEL: 75 ppm TWA: 20 ppm	TWA: 50 ppm TWA: 205 mg/m <sup>3</sup> STEL: 75 ppm STEL: 307 mg/m <sup>3</sup>	TWA: 20 ppm STEL: 75 ppm	TWA: 20 ppm STEL: 75 ppm	TWA: 50 ppm TWA: 205 mg/m <sup>3</sup> STEL: 75 ppm STEL: 307 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 410 mg/m <sup>3</sup>

### Engineering Controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

## **Personal Protective Equipment**

### **Eye/face protection**

Tight sealing safety goggles.

### **Hand Protection**

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

### **Skin and body protection**

Wear suitable protective clothing. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

### **Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

### **Thermal Protection**

No information available

## **Environmental exposure controls**

Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained.

## **Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **Information on basic physical and chemical properties**

<b>Physical state</b>	liquid
<b>Appearance</b>	No information available
<b>Odor</b>	Solvent
<b>Color</b>	Light yellow and slight milky white
<b>Odor Threshold</b>	No information available
<b>pH value</b>	No information available
<b>Melting point/freezing point</b>	No information available
<b>Boiling point / boiling range</b>	102 °C / 216 °F
<b>flash point</b>	11 °C / 52 °F
<b>evaporation rate</b>	No information available
<b>Flammability (solid, gas)</b>	No information available
<b>Flammability Limit in Air</b>	
<b>Upper flammability limit:</b>	No information available
<b>Lower flammability limit:</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>vapor density</b>	No information available
<b>Density (lbs per US gallon)</b>	6.72
<b>specific gravity</b>	.81
<b>Solubility(ies)</b>	No information available
<b>Partition coefficient</b>	No information available
<b>Autoignition temperature</b>	No information available
<b>Decomposition temperature</b>	No information available
<b>Kinematic viscosity</b>	No information available
<b>Dynamic viscosity</b>	No information available

### **Other information**

## **Section 10: STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
<b>Incompatible materials</b>	Strong bases. Strong oxidizing agents. Halogens.
<b>Conditions to avoid</b>	Heat, flames and sparks.

**Hazardous Decomposition Products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

**Possibility of Hazardous Reactions** None under normal processing.

**Hazardous polymerization** None under normal processing.

## Section 11: TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Eye contact**

Causes serious eye damage

**Skin Contact**

Causes skin irritation

**Ingestion**

May be fatal if swallowed and enters airways

**Inhalation**

May cause respiratory irritation

May cause drowsiness or dizziness

### Numerical measures of toxicity - Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Diisobutyl ketone 108-83-8	= 5750 mg/kg ( Rat )	= 16 g/kg ( Rabbit )	> 2300 ppm ( Rat ) 4 h
Solvent naphtha, petroleum, light aliphatic 64742-89-8	-	= 3000 mg/kg ( Rabbit )	-
1-Butanol 71-36-3	= 700 mg/kg ( Rat ) = 790 mg/kg ( Rat )	= 3402 mg/kg ( Rabbit ) = 3400 mg/kg ( Rabbit )	> 8000 ppm ( Rat ) 4 h
Methyl propyl ketone 107-87-9	= 1600 mg/kg ( Rat )	= 6480 mg/kg ( Rat ) = 6500 mg/kg ( Rabbit )	= 2000 ppm ( Rat ) 4 h
4-Heptanol, 2,6-dimethyl- 108-82-7	= 3560 mg/kg ( Rat )	= 4600 mg/kg ( Rabbit )	-
2-Pentanone, 4-methyl- 108-10-1	= 2080 mg/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 8.2 mg/L ( Rat ) 4 h

### Numerical measures of toxicity - Product Information

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

**ATEmix (oral)** 3380 Mg/kg

**UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chemical Name	ACGIH	IARC	NTP	OSHA
2-Pentanone, 4-methyl- 108-10-1	A3	Group 2B		X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen.

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans.

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present.

**Skin corrosion/irritation**

Causes skin irritation

**Serious eye damage/eye irritation**

Causes serious eye damage

**Skin sensitization**

Not applicable

**Respiratory sensitization**

Not applicable

**Germ cell mutagenicity**

Not applicable

**Carcinogenicity**

Suspected of causing cancer

**Reproductive Toxicity**

Not applicable

**Specific target organ toxicity (single exposure)** May cause respiratory irritation May cause drowsiness or dizziness

**Specific target organ toxicity (repeated exposure)** Not applicable  
**Aspiration hazard** Not applicable

## Section 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Environmental precautions Prevent product from entering drains.

### Persistence and degradability

No information available

### Bioaccumulation

No information available

### Mobility

No information available

### Other adverse effects

No information available

## Section 13: DISPOSAL CONSIDERATIONS

**Waste from residues/unused products** Disposal should be in accordance with applicable regional, national and local laws and regulations

**Contaminated packaging** Improper disposal or reuse of this container may be dangerous and illegal.

## Section 14: TRANSPORT INFORMATION

	<u>TDG</u>	<u>IMDG</u>	<u>IATA</u>
<b>UN/ID no</b>	UN1263	UN1263	UN1263
<b>Proper shipping name</b>	Paint related material	Paint related material	Paint related material
<b>Hazard Class</b>	3	3	3
<b>Packing Group</b>	II	II	II
<b>Environmental hazard</b>	Not applicable		
<b>Special Provisions</b>		163, 367 EmS-No F-E, S-E	A3, A72, A192

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

*The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.*

## Section 15: REGULATORY INFORMATION

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory All components are listed or exempt from listing

**DSL** - Canadian Domestic Substances List All components are listed or exempt from listing

Chemical Name	Canada - NPRI (National Pollutant Release Inventory)
Diisobutyl ketone	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
Solvent naphtha, petroleum, light aliphatic	Part 5, Other Groups and Mixtures
1-Butanol	Part 1, Group A Substance
Methyl propyl ketone	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
2-Pentanone, 4-methyl-	Part 1, Group A Substance; Part 5, Individual Substances

## Section 16: OTHER INFORMATION

### HMIS

Health hazards 3\*

\* = Chronic Health Hazard

Flammability 3

Physical hazards 0

Personal Protection X

Prepared By Regulatory Department

Revision date 12-Jun-2017

Revision Note No information available

### Disclaimer

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

**End of Safety Data Sheet**