

SAFETY DATA SHEET

1. Identification

1. Identification				
Product identifier	QUICKBASE-D SLOW REDUC	ER		
Other means of identification				
Product Code	FS-57185-G	FS-57185-G		
Recommended use	Automotive Refinish Reducer	Automotive Refinish Reducer		
Manufacturer/Importer/Supplier	/Distributor information			
Manufacturer				
Company name Address	5 STAR XTREME a division of IAMG/International 1505 N. Hayden Road Suite 111 Scottsdale, Arizona 85257 United States	Autobody Mar	keting Group	
Telephone	General Assistance	187-REFINI	SH	
Website	www.5starxtreme.com			
E-mail	Not available.			
Emergency phone number	Chemtrec	1-800-424-93	00	
2. Hazard(s) identification				
Physical hazards	Flammable liquids		Category 2	
Health hazards	Acute toxicity, oral		Category 4	
	Acute toxicity, inhalation	Acute toxicity, inhalation		
	Skin corrosion/irritation		Category 2	
	Serious eye damage/eye irritatio	n	Category 1	
	Germ cell mutagenicity		Category 1B	
	Carcinogenicity		Category 1B	
	Specific target organ toxicity, sin	gle exposure	Category 3 respiratory tract irritation	
	Specific target organ toxicity, sin	gle exposure	Category 3 narcotic effects	

Environmental hazards OSHA defined hazards

Label elements

Signal word Hazard statement

Precautionary statement Prevention

Danger

Not classified.

Not classified.

Highly flammable liquid and vapor. Harmful if swallowed. Causes skin irritation. Causes serious eye damage. Toxic if inhaled. May cause respiratory irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Avoid breathing mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response	If swallowed: Call a poison center/doctor if you feel unwell. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Immediately call a poison center/doctor. Rinse mouth. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	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.
Supplemental information	20.37% of the mixture consists of component(s) of unknown acute oral toxicity. 35.44% of the mixture consists of component(s) of unknown acute inhalation toxicity.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
2,6-Dimethyl-4-heptanone		108-83-8	40 to <50
n-butyl alcohol		71-36-3	10 to <20
VM & P NAPHTHA		8032-32-4	10 to <20
1-Methoxy-2-propyl acetate		108-65-6	5 to <10
2-pentanone		107-87-9	5 to <10
n-butyl propionate		590-01-2	1 to <5
Other components below reportable le	vels		5 to <10

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

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Ingestion	Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Skin irritation. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. 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.
5. Fire-fighting measures	
Suitable extinguishing media	Alcohol resistant foam. Water fog. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Methods and materials for	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take
containment and cleaning up	precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.
	Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.
7. Handling and storage	
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not get this material in contact with eyes. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
	For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

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

2,6-Dimethyl-4-heptanone (CAS 108-83-8)	PEL	290 mg/m3
2-pentanone (CAS 107-87-9)	PEL	50 ppm 700 mg/m3
n-butyl alcohol (CAS	PEL	200 ppm 300 mg/m3
71-36-3)		100 ppm
US. ACGIH Threshold Limit Values		
Components	Туре	Value
2,6-Dimethyl-4-heptanone (CAS 108-83-8)	TWA	25 ppm
2-pentanone (CAS 107-87-9)	STEL	150 ppm
n-butyl alcohol (CAS 71-36-3)	TWA	20 ppm
US. NIOSH: Pocket Guide to Chemic	cal Hazards	
Components	Туре	Value
2,6-Dimethyl-4-heptanone (CAS 108-83-8)	TWA	150 mg/m3
2-pentanone (CAS 107-87-9)	TWA	25 ppm 530 mg/m3
,		150 ppm
n-butyl alcohol (CAS 71-36-3)	Ceiling	150 mg/m3
	Q a ilia a	50 ppm
VM & P NAPHTHA (CAS 8032-32-4)	Ceiling	1800 mg/m3
,	TWA	350 mg/m3
US. Workplace Environmental Expo	sure Level (WEEL)	
Components	Туре	Value
1-Methoxy-2-propyl acetate (CAS 108-65-6)	TWA	50 ppm
ogical limit values No bio	logical exposure limi	ts noted for the ingredient(s).
osure guidelines		
US - California OELs: Skin designat	ion	
1-Methoxy-2-propyl acetate (CAS n-butyl alcohol (CAS 71-36-3) US - Minnesota Haz Subs: Skin desi		Can be absorbed through the skin. Can be absorbed through the skin.
n-butyl alcohol (CAS 71-36-3)		Skin designation applies.
US - Tennessee OELs: Skin designa		
n-butyl alcohol (CAS 71-36-3) US NIOSH Pocket Guide to Chemica	al Hazards: Skin de	Can be absorbed through the skin. signation

Appropriate engineering controls	Explosion-proof general and local exhaust ventilation. 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. Eye wash facilities and emergency shower must be available when handling this product.
Individual protection measures,	such as personal protective equipment
Eye/face protection	Wear safety glasses with side shields (or goggles) and a face shield.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke. Keep away from food and drink. 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.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Not available.
Odor	Solvent.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-129.64 °F (-89.8 °C) estimated
Initial boiling point and boiling	140 °F (60 °C) estimated
range	
Flash point	-0.00004 °F (-17.8 °C) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	0.8 % estimated
Flammability limit - upper (%)	11.3 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	15.63 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient	Not available.
(n-octanol/water)	
Auto-ignition temperature	550 °F (287.78 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	6.75 lbs/gal
Flammability class	Flammable IB estimated

Percent volatile	99.99 %
Specific gravity	0.81
voc	6.8 lbs/gal Regulatory 6.8 lbs/gal Material 809 g/l Regulatory 809 g/l Material

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Alkaline metals.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Toxic if inhaled. May cause drowsiness and dizziness. Headache. Nausea, vomiting.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye damage.
Ingestion	Harmful if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity	Toxic if inhaled. Harmful if sv	Toxic if inhaled. Harmful if swallowed. Narcotic effects. May cause respiratory irritation.	
Components	Species	Test Results	
2,6-Dimethyl-4-heptanone (CAS 108-83-8)		
<u>Acute</u>			
Dermal			
LD50	Rabbit	16200 mg/kg	
	Rat	> 2000 mg/kg	
Inhalation			
LC50	Rat	> 5 mg/l, 4 Hours	
Oral			
LD50	Mouse	1416 mg/kg	
	Rat	5285 mg/kg	
2-pentanone (CAS 107-87-	9)		
<u>Acute</u>			
Oral			
LD50	Rat	3.73 g/kg	
n-butyl alcohol (CAS 71-36-	-3)		
<u>Acute</u>			
Dermal			
LD50	Rabbit	3400 mg/kg	
Inhalation			
LC50	Rat	8000 ppm, 4 Hours	
Oral			
LD50	Rat	790 mg/kg	

Components	Species	Test Results
/M & P NAPHTHA (CAS 8032-32	2-4)	
<u>Acute</u>		
Inhalation		
LC50	Rat	3400 mg/l, 4 Hours
* Estimates for product may b	e based on additional component data not shown.	
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye rritation	Causes serious eye damage.	
Respiratory or skin sensitizatio	n	
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	This product is not expected to cause skin sensitization	1.
Germ cell mutagenicity	May cause genetic defects.	
Carcinogenicity	May cause cancer.	
	ed Substances (29 CFR 1910.1001-1050)	
Reproductive toxicity	This product is not expected to cause reproductive or c	evelopmental effects
Specific target organ toxicity -	This product is not expected to cause reproductive or developmental effects. May cause respiratory irritation. May cause drowsiness and dizziness.	
single exposure		
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not an aspiration hazard.	
Chronic effects	Prolonged inhalation may be harmful.	
12. Ecological information	1	
Ecotoxicity	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm	ful or damaging effect on the environmer
Ecotoxicity Components	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species	
Ecotoxicity Components 2-pentanone (CAS 107-87-9)	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species	ful or damaging effect on the environmer
Ecotoxicity Components 2-pentanone (CAS 107-87-9) Aquatic	The product is not classified as environmentally hazarc possibility that large or frequent spills can have a harm Species	ful or damaging effect on the environmer Test Results
Ecotoxicity Components 2-pentanone (CAS 107-87-9) Aquatic Fish	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species LC50 Fathead minnow (Pimephales promelas)	ful or damaging effect on the environmer Test Results
Ecotoxicity Components 2-pentanone (CAS 107-87-9) Aquatic Fish n-butyl alcohol (CAS 71-36-3	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species LC50 Fathead minnow (Pimephales promelas)	ful or damaging effect on the environmer Test Results
Ecotoxicity Components 2-pentanone (CAS 107-87-9) Aquatic Fish n-butyl alcohol (CAS 71-36-3 Aquatic	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species LC50 Fathead minnow (Pimephales promelas)	ful or damaging effect on the environmer Test Results s) 1190 - 1290 mg/l, 96 hours
Ecotoxicity Components 2-pentanone (CAS 107-87-9) Aquatic Fish n-butyl alcohol (CAS 71-36-3 Aquatic Crustacea	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species LC50 Fathead minnow (Pimephales promelas) EC50 Water flea (Daphnia magna)	ful or damaging effect on the environmer Test Results (a) 1190 - 1290 mg/l, 96 hours 1897 - 2072 mg/l, 48 hours
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2-pentanone (CAS 107-87-9) Aquatic Fish n-butyl alcohol (CAS 71-36-3 Aquatic Crustacea Fish	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species LC50 Fathead minnow (Pimephales promelas) EC50 Water flea (Daphnia magna) LC50 Bluegill (Lepomis macrochirus) be based on additional component data not shown.	ful or damaging effect on the environmen Test Results s) 1190 - 1290 mg/l, 96 hours 1897 - 2072 mg/l, 48 hours 100 - 500 mg/l, 96 hours
Ecotoxicity Components 2-pentanone (CAS 107-87-9) Aquatic Fish n-butyl alcohol (CAS 71-36-3 Aquatic Crustacea Fish * Estimates for product may b Persistence and degradability	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species LC50 Fathead minnow (Pimephales promelas) EC50 Water flea (Daphnia magna) LC50 Bluegill (Lepomis macrochirus) be based on additional component data not shown. No data is available on the degradability of this product	ful or damaging effect on the environmer Test Results s) 1190 - 1290 mg/l, 96 hours 1897 - 2072 mg/l, 48 hours 100 - 500 mg/l, 96 hours
Ecotoxicity Components 2-pentanone (CAS 107-87-9) Aquatic Fish n-butyl alcohol (CAS 71-36-3 Aquatic Crustacea Fish * Estimates for product may b Persistence and degradability Bioaccumulative potential Partition coefficient n-octar 2-pentanone	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species LC50 Fathead minnow (Pimephales promelas) EC50 Water flea (Daphnia magna) LC50 Bluegill (Lepomis macrochirus) be based on additional component data not shown. No data is available on the degradability of this product hol / water (log Kow) 0.91	ful or damaging effect on the environmer Test Results s) 1190 - 1290 mg/l, 96 hours 1897 - 2072 mg/l, 48 hours 100 - 500 mg/l, 96 hours
Ecotoxicity Components 2-pentanone (CAS 107-87-9) Aquatic Fish n-butyl alcohol (CAS 71-36-3 Aquatic Crustacea Fish * Estimates for product may b Persistence and degradability Bioaccumulative potential Partition coefficient n-octar 2-pentanone n-butyl alcohol	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species LC50 Fathead minnow (Pimephales promelas proces) EC50 Water flea (Daphnia magna) LC50 Bluegill (Lepomis macrochirus) be based on additional component data not shown. No data is available on the degradability of this product p	ful or damaging effect on the environmer Test Results s) 1190 - 1290 mg/l, 96 hours 1897 - 2072 mg/l, 48 hours 100 - 500 mg/l, 96 hours
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Ecotoxicity Components 2-pentanone (CAS 107-87-9) Aquatic Fish n-butyl alcohol (CAS 71-36-3 Aquatic Crustacea Fish * Estimates for product may b Persistence and degradability Bioaccumulative potential Partition coefficient n-octar 2-pentanone n-butyl alcohol Mobility in soil	The product is not classified as environmentally hazard possibility that large or frequent spills can have a harm Species LC50 Fathead minnow (Pimephales promelas proces) EC50 Water flea (Daphnia magna) LC50 Bluegill (Lepomis macrochirus) be based on additional component data not shown. No data is available on the degradability of this product p	ful or damaging effect on the environmer Test Results (a) 1190 - 1290 mg/l, 96 hours 1897 - 2072 mg/l, 48 hours 100 - 500 mg/l, 96 hours (c) (c) (c) (c) (c) (c) (c) (c)
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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	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT	
UN number	UN1263
UN proper shipping name	Paint, Paint Related Material
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	П
	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	IB2, T7, TP1, TP8, TP28
Packaging exceptions	150
Packaging non bulk	202
Packaging bulk	242
ΙΑΤΑ	
UN number	UN1263
UN proper shipping name	Paint, Paint Related Material
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	П
Environmental hazards	No.
ERG Code	3H
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed.
aircraft	AU I
Cargo aircraft only	Allowed.
IMDG	
UN number	UN1263
UN proper shipping name Transport hazard class(es)	Paint, Paint Related Material
Class	3
Subsidiary risk	-
Packing group	1
Environmental hazards	
Marine pollutant	No.
EmS	F-E, <u>S</u> - <u>E</u>
-	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	Not established.
Annex II of MARPOL 73/78 and	
the IBC Code	
DOT	





15. Regulatory information

15. Regulatory mormatic			
US federal regulations	This product is a "Hazardou Standard, 29 CFR 1910.12 All components are on the	00.	ed by the OSHA Hazard Communication
TSCA Section 12(b) Expor	t Notification (40 CFR 707, Sເ	ıbpt. D)	
Not regulated.			
CERCLA Hazardous Subst	ance List (40 CFR 302.4)		
2-pentanone (CAS 107-	87-9)	Listed.	
n-butyl alcohol (CAS 71		Listed.	
n-butyl propionate (CAS SARA 304 Emergency rele		Listed.	
Not regulated.	ase notification		
0	ed Substances (29 CFR 1910	.1001-1050)	
Not listed.			
Superfund Amendments and R	eauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - Yes		
	Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No		
SARA 302 Extremely haza	•		
Not listed.			
SARA 311/312 Hazardous chemical	No		
SARA 313 (TRI reporting)			
SARA 313 (TRI reporting) Chemical name		CAS number	% by wt.
· · · · · ·		CAS number 71-36-3	% by wt. 10 to <20
Chemical name			
Chemical name n-butyl alcohol Other federal regulations	on 112 Hazardous Air Polluta	71-36-3	
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated.	on 112 Hazardous Air Polluta on 112(r) Accidental Release	71-36-3 nts (HAPs) List	10 to <20
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated.		71-36-3 nts (HAPs) List	10 to <20
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated. Clean Air Act (CAA) Section		71-36-3 nts (HAPs) List	10 to <20
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated. Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act	on 112(r) Accidental Release	71-36-3 nts (HAPs) List	10 to <20
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated. Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations	on 112(r) Accidental Release	71-36-3 nts (HAPs) List Prevention (40 CFR	10 to <20
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated. Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations	on 112(r) Accidental Release	71-36-3 nts (HAPs) List Prevention (40 CFR	10 to <20 68.130)
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated. Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations US. California Controlled S Not listed.	on 112(r) Accidental Release Not regulated. Substances. CA Department of	71-36-3 nts (HAPs) List Prevention (40 CFR	10 to <20 68.130)
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated. Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations US. California Controlled S Not listed. US. California. Candidate (on 112(r) Accidental Release Not regulated. Substances. CA Department of Chemicals List. Safer Consur	71-36-3 nts (HAPs) List Prevention (40 CFR	10 to <20 68.130) a Health and Safety Code Section 11100)
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated. Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations US. California Controlled S Not listed. US. California. Candidate ((a)) VM & P NAPHTHA (CA US. Massachusetts RTK - 3	on 112(r) Accidental Release Not regulated. Substances. CA Department of Chemicals List. Safer Consur S 8032-32-4) Substance List	71-36-3 nts (HAPs) List Prevention (40 CFR	10 to <20 68.130) a Health and Safety Code Section 11100)
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated. Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations US. California Controlled S Not listed. US. California. Candidate ((a)) VM & P NAPHTHA (CA	on 112(r) Accidental Release Not regulated. Substances. CA Department of Chemicals List. Safer Consur S 8032-32-4) Substance List ne (CAS 108-83-8) 87-9) -36-3)	71-36-3 nts (HAPs) List Prevention (40 CFR	10 to <20 68.130) a Health and Safety Code Section 11100)
Chemical name n-butyl alcohol Other federal regulations Clean Air Act (CAA) Section Not regulated. Clean Air Act (CAA) Section Not regulated. Safe Drinking Water Act (SDWA) US state regulations US. California Controlled S Not listed. US. California. Candidate ((a)) VM & P NAPHTHA (CA US. Massachusetts RTK - 3 2,6-Dimethyl-4-heptano 2-pentanone (CAS 107- n-butyl alcohol (CAS 71 n-butyl propionate (CAS	on 112(r) Accidental Release Not regulated. Substances. CA Department of Chemicals List. Safer Consur S 8032-32-4) Substance List ne (CAS 108-83-8) 87-9) -36-3)	71-36-3 nts (HAPs) List Prevention (40 CFR of Justice (California ner Products Regula	10 to <20 68.130) a Health and Safety Code Section 11100)

2,6-Dimethyl-4-heptanone (CAS 108-83-8)

2-pentanone (CAS 107-87-9) n-butyl alcohol (CAS 71-36-3) n-butyl propionate (CAS 590-01-2) VM & P NAPHTHA (CAS 8032-32-4)

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

2,6-Dimethyl-4-heptanone (CAS 108-83-8) 2-pentanone (CAS 107-87-9) n-butyl alcohol (CAS 71-36-3) n-butyl propionate (CAS 590-01-2) VM & P NAPHTHA (CAS 8032-32-4)

US. Rhode Island RTK

n-butyl alcohol (CAS 71-36-3)

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date Version # HMIS® ratings	04-22-2015 01 Health: 3* Flammability: 3
NFPA ratings	Physical hazard: 0 Health: 3 Flammability: 3 Instability: 0
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