

Version 3.0	Revision Date: 09/06/2018		DS Number: 00000000515	Date of last issue: 05/18/2018 Date of first issue: 05/23/2016				
SECTIO	SECTION 1. IDENTIFICATION							
Pro	duct name	:	VAL NON-CHLR	LOW VOC BPC 12/15 OC				
Pro	duct code	:	602371					
	nufacturer or supplier's npany name of supplier			LC				
Address		:	Dallas TX 75225					
Email Address		:	EHS@niteoproducts.com					
Tele	Telephone		1-844-696-4836					
Em ber	ergency telephone num-	:	1-800-424-9300 /	1-703-741-5970				
Rec	Recommended use of the c		nical and restriction	ons on use				
Rec	commended use	:	CLEANER					
Res	trictions on use	:	Use only outdoor	s or in a well-ventilated area.				

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Flammable aerosols	:	Category 1
Acute toxicity (Oral)	:	Category 4
Acute toxicity (Inhalation)	:	Category 4
Acute toxicity (Dermal)	:	Category 4
Skin irritation	:	Category 2
Eye irritation	:	Category 2A
Specific target organ toxicity - single exposure	:	Category 1 (Central nervous system, Eyes)
Specific target organ toxicity - single exposure	:	Category 3 (Respiratory system, Central nervous system)
Specific target organ toxicity - repeated exposure	:	Category 2 (Auditory system)



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Aspira	ation hazard	: Category 1	
	label elements rd pictograms		
Signa	ıl word	: Danger	
Haza	rd statements	Harmful if swa May be fatal it Causes skin in Causes seriou May cause re May cause dru Causes dama May cause da	nmable aerosol. allowed, in contact with skin or if inhaled. f swallowed and enters airways. rritation. us eye irritation. spiratory irritation. owsiness or dizziness. ge to organs (Central nervous system, Eyes). mage to organs (Auditory system) through pro- eated exposure.
Preca	autionary statements	smoking. Do not spray of Pressurized of Do not breath Wash skin tho Do not eat, dr Use only outd	om heat/sparks/open flames/hot surfaces. No on an open flame or other ignition source. ontainer: Do not pierce or burn, even after use. e dust/ fume/ gas/ mist/ vapours/ spray. oroughly after handling. ink or smoke when using this product. oors or in a well-ventilated area. ve gloves/ protective clothing/ eye protection/ fa
		IF ON SKIN: A CENTER/doct IF INHALED: for breathing. IF IN EYES: F Remove conta rinsing. IF exposed: C Do NOT induc If skin irritation If eye irritation Take off conta Storage: Store in a wel Store locked of	n occurs: Get medical advice/ attention. persists: Get medical advice/ attention. aminated clothing and wash before reuse. I-ventilated place. Keep container tightly closed. up. sunlight. Do not expose to temperatures exceedi



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Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Acetone	67-64-1	>= 50 - < 70
Methanol	67-56-1	>= 20 - < 30
Xylene	1330-20-7	>= 20 - < 30
Ethylbenzene	100-41-4	>= 5 - < 10
Carbon dioxide	124-38-9	>= 5 - < 10

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

General advice :	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.
If inhaled :	Move to fresh air. IF INHALED: Call a POISON CENTER/ doctor if you feel un- well. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact :	If on clothes, remove clothes. Call a physician or poison control centre immediately. Remove contaminated clothing. If irritation develops, get med- ical attention. If on skin, rinse well with water. Wash contaminated clothing before re-use. If skin irritation persists, call a physician.
In case of eye contact :	Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed :	Obtain medical attention. Do NOT induce vomiting. Rinse mouth with water.



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		Never give anyth	or alcoholic beverages. ing by mouth to an unconscious person. sist, call a physician.
	mportant symptoms fects, both acute and ed	May be fatal if sw Causes skin irrita Causes serious of May cause respi May cause drow Causes damage May cause dama exposure. Inhalation of high occur in enclosed associated with of may initiate card material. This product con and central nervo lized to formic ac cause metabolic Since metabolism onset may be de Ethanol competed been used to pre- istration is indica anol concentration removed by hem This material (or	eye irritation. ratory irritation. siness or dizziness. to organs. age to organs through prolonged or repeated in concentrations of this material, as could d spaces or during deliberate abuse, may be cardiac arrhythmias. Sympathomimetic drugs iac arrhythmias in persons exposed to this tains methanol which can cause intoxication bus system depression. Methanol is metabo- cid and formaldehyde. These metabolites can acidosis, visual disturbances and blindness. In is required for these toxic symptoms, their layed from 6 to 30 hours following ingestion. the same metabolic pathway and has event methanol metabolism. Ethanol admin- ted in symptomatic patients or at blood meth- ons above 20 ug/dl. Methanol is effectively

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water spray Carbon dioxide (CO2) Dry chemical Alcohol-resistant foam
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion prod- ucts	:	Carbon oxides
Specific extinguishing meth- ods	:	Product is compatible with standard fire-fighting agents.
Further information	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Fire residues and contaminated fire extinguishing water must



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			be disposed of in accordance with local regulations. Use a water spray to cool fully closed containers.				
•	Special protective equipment : In the event of fire, wear self-contained breathing apparatus. for firefighters						
SECTION	6. ACCIDENTAL RELE	ASI	MEASURES				
Personal precautions, protec- : tive equipment and emer- gency procedures		:	Remove all sourc Ensure adequate Avoid breathing d Beware of vapour tions. Vapours ca Evacuate person Persons not wear	ventilation. ust. s accumulating to form explosive concentra- n accumulate in low areas.			
Envir	onmental precautions	:	Prevent product for Do not flush into s	akage or spillage if safe to do so. rom entering drains. surface water or sanitary sewer system. taminates rivers and lakes or drains inform ities.			

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	 Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition. Use only explosion-proof equipment. Do not spray on a naked flame or any incandescent material.
Advice on safe handling	 Open drum carefully as content may be under pressure. Provide sufficient air exchange and/or exhaust in work rooms. Do not breathe vapours/dust. Do not smoke. Take precautionary measures against static discharges. Avoid contact with skin and eyes. Dispose of rinse water in accordance with local and national regulations. Container hazardous when empty. Smoking, eating and drinking should be prohibited in the ap- plication area. For personal protection see section 8.
Conditions for safe storage	 BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and



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			kept upright to pı Observe label pr No smoking.	
	er information on stor- tability	:	No decompositio	n if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Acetone	67-64-1	TWA	250 ppm	ACGIH
		STEL	500 ppm	ACGIH
		TWA	250 ppm 590 mg/m3	NIOSH REL
		TWA	1,000 ppm 2,400 mg/m3	OSHA Z-1
		TWA	750 ppm 1,800 mg/m3	OSHA P0
		STEL	1,000 ppm 2,400 mg/m3	OSHA P0
Methanol	67-56-1	TWA	200 ppm	ACGIH
		STEL	250 ppm	ACGIH
		TWA	200 ppm 260 mg/m3	NIOSH REL
		ST	250 ppm 325 mg/m3	NIOSH REL
		TWA	200 ppm 260 mg/m3	OSHA Z-1
		STEL	250 ppm 325 mg/m3	OSHA P0
		TWA	200 ppm 260 mg/m3	OSHA P0
Ethylbenzene	100-41-4	TWA	20 ppm	ACGIH
		TWA	100 ppm 435 mg/m3	NIOSH REL
		ST	125 ppm 545 mg/m3	NIOSH REL
		TWA	100 ppm 435 mg/m3	OSHA Z-1
		TWA	100 ppm 435 mg/m3	OSHA P0
		STEL	125 ppm 545 mg/m3	OSHA P0
Carbon dioxide	124-38-9	TWA	5,000 ppm	ACGIH
		STEL	30,000 ppm	ACGIH
		TWA	5,000 ppm 9,000 mg/m3	NIOSH REL
		ST	30,000 ppm 54,000 mg/m3	NIOSH REL

Components with workplace control parameters



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			TWA	5,000 ppm 9,000 mg/m3	OSHA Z-1
			TWA	10,000 ppm 18,000 mg/m3	OSHA P0
			STEL	30,000 ppm 54,000 mg/m3	OSHA P0

Hazardous components without workplace control parameters

Components	CAS-No.
Xylene	1330-20-7

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sam- pling time	Permissible concentra- tion	Basis
Acetone	67-64-1	Acetone	Urine	End of shift (As soon as possible after exposure ceases)	25 mg/l	ACGIH BEI
Methanol	67-56-1	Methanol	Urine	End of shift (As soon as possible after exposure ceases)	15 mg/l	ACGIH BEI
Ethylbenzene	100-41-4	Sum of mandelic acid and phenyl gly- oxylic acid	Urine	End of shift (As soon as possible after exposure ceases)	0.15 g/g creatinine	ACGIH BEI
Engineering measures	: Pro	ovide sufficient	mechanical	(general ar	nd/or local exh	aust)

 agineering measures
 : Provide sufficient mechanical (general and/or local exhaust)

 ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipmer	t
Respiratory protection :	In the case of vapour formation use a respirator with an ap- proved filter. In the case of dust or aerosol formation use respirator with an approved filter.
Hand protection	
Remarks :	Wear resistant gloves (consult your safety equipment suppli- er). The suitability for a specific workplace should be dis- cussed with the producers of the protective gloves. Discard gloves that show tears, pinholes, or signs of wear.



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Eye p	rotection		splash goggles when there is the potential for e eyes to liquid, vapor or mist.
Skin a	nd body protection	 Choose body protection according to the amount a centration of the dangerous substance at the work Wear as appropriate: Impervious clothing Flame-resistant clothing Safety shoes 	
Hygie	ne measures	practice. When using do	rdance with good industrial hygiene and safety not smoke. not eat or drink.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	aerosol
Odour	:	No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Boiling point/boiling range	:	56 °C (1,013 hPa)
Flash point	:	The value is calculated -20 °C
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Self-ignition	:	No data available
Upper explosion limit / Upper flammability limit	:	36 %(V) The value is calculated
Lower explosion limit / Lower flammability limit	:	1 %(V) The value is calculated
Vapour pressure	:	307.9 hPa (25 °C) The value is calculated
Density	:	0.8132 g/cm3 (15.56 °C)
Solubility(ies) Water solubility	:	No data available
Partition coefficient: n- octanol/water	:	No data available



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Viscos Vis	sity scosity, dynamic	: No data avai	lable	
Viscosity, kinematic		: No data available		
Oxidizing properties		: No data available		
Heat of combustion		: estimated 30).0 kJ/g	
VOC	% By Weight	: 42.6 %		

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reac- tions	:	No decomposition if stored and applied as directed. Vapours may form explosive mixture with air.
Conditions to avoid	:	Heat, flames and sparks.
Incompatible materials	:	Acids Bases Aluminium Amines Ammonia halogens Lead Peroxides Reducing agents Strong bases Strong oxidizing agents Zinc
Hazardous decomposition products	:	Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely rout Inhalation Eye contact Skin contact Ingestion Acute toxicity Harmful if swallowed, in co		
Product:		
Acute oral toxicity	: Acute toxicity estimate: 433.88 mg/kg Method: Calculation method	
Acute inhalation toxicity	: Acute toxicity estimate: 1.62 mg/l	
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Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method Acute dermal toxicity : Acute toxicity estimate: 1,171 mg/kg Method: Calculation method	
Components:	
Acetone:	
Acute oral toxicity : LD50 (Rat, female): 5,800 mg/kg	
Acute inhalation toxicity : LC50 (Rat, female): 76 mg/l Exposure time: 4 h Test atmosphere: vapour	
Acute dermal toxicity : LD50 (Rabbit): > 7,426 mg/kg	
Methanol:	
Acute oral toxicity : LDLo (Humans): 300 mg/kg Assessment: The component/mixture is tox gestion.	ic after single in-
Acute inhalation toxicity : Test atmosphere: dust/mist Assessment: The component/mixture is tox inhalation.	ic after short term
Acute dermal toxicity : LD50 (Rabbit): 12,800 mg/kg Assessment: The component/mixture is tox tact with skin.	ic after single cor
Xylene:	
Acute oral toxicity : LD50 (Rat): 3,523 - 8,600 mg/kg	
Acute inhalation toxicity : LC50 (Rat): 6700 ppm Exposure time: 4 h Test atmosphere: vapour	
Assessment: The component/mixture is mo short term inhalation.	derately toxic afte
Acute dermal toxicity : LD50 (Rabbit): 1,700 mg/kg	
Ethylbenzene:	
Acute oral toxicity : LD50 (Rat): ca. 3,500 mg/kg	
Acute inhalation toxicity : LC50 (Rat): 4000 ppm Exposure time: 4 h Test atmosphere: vapour	
Acute dermal toxicity : LD50 (Rabbit): 17,800 mg/kg	



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Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks: May cause skin irritation and/or dermatitis.

Components:

Acetone:

Result: Possibly irritating to skin

Result: Repeated exposure may cause skin dryness or cracking.

Methanol:

Species: Rabbit Result: No skin irritation

Xylene:

Assessment: Irritating to skin. Result: Irritating to skin.

Ethylbenzene:

Result: Irritating to skin.

Carbon dioxide:

Assessment: No skin irritation Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

Components:

Acetone:

Result: Irritating to eyes. Assessment: Irritating to eyes.

Methanol:

Species: Rabbit Result: Possibly irritating to eyes

Xylene:

Result: Irritating to eyes.



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Ethylbenzene:

Result: Irritating to eyes.

Carbon dioxide:

Result: No eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

Methanol:

Test Type: Maximisation Test Species: Guinea pig Assessment: Does not cause skin sensitisation. Method: OECD Test Guideline 406

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Components:

Ethylbenzene:

Carcinogenicity - Assess- ment	: Not classifiable as a human	carcinogen.
IARC	Group 2B: Possibly carcinogen	ic to humans
	Ethylbenzene	100-41-4
OSHA	No component of this product p equal to 0.1% is on OSHA's list	
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

May cause respiratory irritation. May cause drowsiness or dizziness. Causes damage to organs (Central nervous system, Eyes).



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Components:

Acetone:

Exposure routes: Inhalation Target Organs: Nervous system Assessment: May cause drowsiness or dizziness.

Methanol:

Target Organs: Central nervous system, Eyes Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 1.

Xylene:

Assessment: May cause drowsiness or dizziness., May cause respiratory irritation.

STOT - repeated exposure

May cause damage to organs (Auditory system) through prolonged or repeated exposure.

Components:

Ethylbenzene:

Target Organs: Auditory system Assessment: May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

May be fatal if swallowed and enters airways.

Components:

Acetone: May be harmful if swallowed and enters airways.

Xylene: May be fatal if swallowed and enters airways.

Ethylbenzene:

May be fatal if swallowed and enters airways.

Further information

Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

SECTION 12. ECOLOGICAL INFORMATION



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SECTION 13. DISPOSAL CONSIDERATIONS

Waste from residues	:	Dispose of in accordance with all applicable local, state and federal regulations.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

International Regulations

IATA-DGR

Not permitted for transport

IMDG-Code	
UN number	
Proper shipping name	

Class	: 2.1	
Subsidiary risk	: 6.1	
Packing group	: Not assigned by regula	ation
Labels	: 2.1 (6.1)	
EmS Code	: F-D, S-U	
Marine pollutant	: no	

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: UN 1950 : Aerosols

Not applicable for product as supplied.

National Regulations

49 CFR UN/ID/NA number Proper shipping name	-	UN 1950 Aerosols
Class Packing group Labels ERG Code Marine pollutant	:	2.1 Not assigned by regulation 2.1 126 no

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity



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Comp	onents	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Xylen	е	1330-20-7	100	496
Xylen	e	1330-20-7	100	100 (F003)

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards :	Flammable (gases, aerose Acute toxicity (any route of Skin corrosion or irritation Serious eye damage or ey Specific target organ toxic Aspiration hazard	f exposure) /e irritation	,
SARA 313 :	The following components are subject to reporting levels es tablished by SARA Title III, Section 313:		orting levels es-
	Methanol	67-56-1	>= 20 - < 30 %
	Ethylbenzene	100-41-4	>= 5 - < 10 %

California Prop. 65

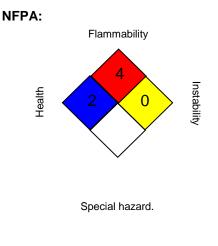
WARNING: This product can expose you to chemicals including Ethylbenzene, Benzene, which is/are known to the State of California to cause cancer, and Methanol, Toluene, Benzene, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.



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SECTION 16. OTHER INFORMATION





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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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