

Versior 3.0	Revision Date: 09/06/2018	•	DS Number: 00000001127	Date of last issue: 05/22/2018 Date of first issue: 12/05/2017		
SECTI	SECTION 1. IDENTIFICATION					
Pr	oduct name	:	PYROIL LOW VOC NON-CHLR BPC 12/13 OC			
Pr	oduct code	:	PYNCBPC13			
	anufacturer or supplier's ompany name of supplier			LC		
Ac	Address		Dallas TX 75225			
Er	Email Address		EHS@niteoproducts.com			
Te	Telephone		1-844-696-4836			
Er be	nergency telephone num- r	:	1-800-424-9300 /	/ 1-703-741-5970		
Recommended use of the chemical and restrictions on use						
Re	ecommended use	:	Cleaner.			
Re	estrictions 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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GHS	label elements		
Haza	rd pictograms		
Signa	al word	: Danger	
Haza	rd statements	Causes skin irr Causes serious May cause res May cause dro Causes damag	lowed, in contact with skin or if inhaled. itation. s eye irritation. piratory irritation. wsiness or dizziness. ge to organs (Central nervous system, Eyes). nage to organs (Auditory system) through pro-
Preca	autionary statements	· Prevention:	
		smoking. Do not spray o Pressurized co Do not breathe Wash skin thor Do not eat, drir Use only outdo	m heat/sparks/open flames/hot surfaces. No n an open flame or other ignition source. ntainer: Do not pierce or burn, even after use. dust/ fume/ gas/ mist/ vapours/ spray. roughly after handling. nk or smoke when using this product. hors or in a well-ventilated area. e gloves/ protective clothing/ eye protection/ face
		Response:	
		unwell. Rinse r IF ON SKIN: W CENTER/docto IF INHALED: F for breathing. C IF IN EYES: Ri Remove conta rinsing. IF exposed: Ca If skin irritation If eye irritation	ED: Call a POISON CENTER/doctor if you feel nouth. /ash with plenty of water. Call a POISON or if you feel unwell. Remove person to fresh air and keep comfortable Call a POISON CENTER/doctor if you feel unwell. inse cautiously with water for several minutes. ct lenses, if present and easy to do. Continue all a POISON CENTER or doctor/ physician. occurs: Get medical advice/ attention. persists: Get medical advice/ attention. minated clothing and wash before reuse.
		Storage:	
		Store in a well- Store locked u	ventilated place. Keep container tightly closed. p. unlight. Do not expose to temperatures exceeding
		Disposal:	
		Dispose of con plant.	tents/ container to an approved waste disposal



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Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

CAS-No.	Concentration (% w/w)
67-64-1	>= 50 - < 70
67-56-1	>= 20 - < 30
1330-20-7	>= 20 - < 30
100-41-4	>= 5 - < 10
124-38-9	>= 5 - < 10
	67-56-1 1330-20-7 100-41-4

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. 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. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms :	Inhalation of high concentrations of this material, as could



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and e delay	ffects, both acute and ed	associated with may initiate car material. This product co and central ner lized to formic a cause metabolis onset may be co Ethanol compe been used to p istration is indic anol concentrat removed by he This material (co and ketosis foll Harmful if swall Causes skin irr Causes serious May cause resp May cause drov Causes damag	or a component) has produced hyperglycemia owing substantial ingestion. owed, in contact with skin or if inhaled. itation. s eye irritation. biratory irritation. wsiness or dizziness.

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 be disposed of in accordance with local regulations. Use a water spray to cool fully closed containers.
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus.



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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- : tive equipment and emer- gency procedures	Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. Avoid breathing dust. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas. Evacuate personnel to safe areas. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
Environmental precautions :	Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

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 kept upright to prevent leakage. Observe label precautions. No smoking.
Further information on stor- age stability	: No decomposition if stored and applied as directed.

SAFETY DATA SHEET



Pyroil™ LOW VOC NON-CHLORINATED BRAKE PARTS CLEANER

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of	Control parame- ters / Permissible	Basis
		exposure)	concentration	
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
		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



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Components Xylene		S-No. 80-20-7				
Biological occupational						
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	ACGIF 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	ve ap	ovide sufficient ntilation to mai plicable) or be parent adverse	ntain exposu low levels th	ure below ex	kposure guide	lines (if
Personal protective equ Respiratory protection	: In pro In	the case of vap oved filter. the case of due proved filter.				
Hand protection						
Remarks	er) cu	ear resistant gl . The suitabilit ssed with the p oves that show	y for a speci producers of	fic workplac the protecti	e should be d ve gloves. Dis	is-
Eye protection		ear chemical sposure of the e				ntial for
Skin and body protection	ce We	oose body pro ntration of the ear as appropr pervious clothi	dangerous s iate:			



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			Flame-resistant Safety shoes	clothing			
Hygiei	Hygiene measures		 Handle in accordance with good industrial hygiene and s practice. When using do not smoke. When using do not eat or drink. 				
ECTION	9. PHYSICAL AND CHI	ЕМІС	CAL PROPERTI	ES			
Appea	arance	:	aerosol				
Odour		:	No data availat	ble			
рН		:	No data availat	ble			
Meltin	g point/freezing point	:	No data availat	ble			
Boiling	g point/boiling range	:	56 °C (1,013 hPa)				
Flash	point	:	-20 °C				
Evapo	pration rate	:	No data availat	ble			
Flamn	nability (solid, gas)	:	No data availat	ble			
Self-i	gnition	:	No data availat	ble			
	explosion limit / Upper ability limit	:	No data availal	ble			
	explosion limit / Lower ability limit	:	No data availat	ble			
Vapou	ır pressure	:	308 hPa (25 °C	3)			
Densit	ty	:	0.81 g/cm3 (15	.56 °C)			
	ility(ies) ater solubility	:	No data availat	ble			
So	lubility in other solvents	:	No data availat	ble			
Viscos Vis	sity cosity, kinematic	:	No data availat	ble			
Oxidiz	ing properties	:	No data availat	ble			
Heat o	of combustion	:	estimated 30 k	J/g			
VOC 9	% By Weight	:	42.3 %				



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SEC	SECTION 10. STABILITY AND REACTIVITY							
	Reactiv	vity	:	No decompositio	n if stored and applied as directed.			
	Chemic	cal stability	:	No decompositio	n 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.				
	Incomp	atible materials	:	Oxidizing agents				
	Hazardous decomposition products			Carbon oxides				
SEC	TION 1	1. TOXICOLOGICAL I	NFC	RMATION				
	Inform Inhalati Skin co Eye cou Ingestio	ntact	of e	exposure				

Acute toxicity

Harmful if swallowed, in contact with skin or if inhaled.

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Acute oral toxicity :	Acute toxicity estimate: 433.88 mg/kg Method: Calculation method
Acute inhalation toxicity :	Acute toxicity estimate: 1.62 mg/l 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 toxic after single in-



rsion)	Revision Date: 09/06/2018	SDS Num 60000000				
		gestion				
Acute	inhalation toxicity		nosphere: dust/mist nent: The component/mixture n.	is toxic after short terr		
Acute	Acute dermal toxicity		LD50 (Rabbit): 12,800 mg/kg Assessment: The component/mixture is toxic after single contact with skin.			
Xyler	ne:					
Acute	e oral toxicity	: LD50 (at): 3,523 - 8,600 mg/kg			
Acute	inhalation toxicity	Expos	at): 6700 ppm re time: 4 h nosphere: vapour			
			nent: The component/mixture m inhalation.	is moderately toxic aft		
Acute	e dermal toxicity	: LD50 (abbit): 1,700 mg/kg			
Ethyl	benzene:					
Acute	oral toxicity	: LD50 (at): ca. 3,500 mg/kg			
Acute	inhalation toxicity	Expos	: LC50 (Rat): 4000 ppm Exposure time: 4 h Test atmosphere: vapour			
Acute	e dermal toxicity	: LD50 (abbit): 17,800 mg/kg			
	corrosion/irritation es skin irritation.					
Prod	uct:					
Rema	arks: May cause skin i	rritation and/o	dermatitis.			
<u>Com</u>	ponents:					
Aceto	one:					
Resu	It: Possibly irritating to	skin				
Resu	It: Repeated exposure	may cause s	n dryness or cracking.			
Meth	anol:					
Speci	ies: Rabbit It: No skin irritation					
Xyler	ne:					
	-					

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



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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.

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



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	Germ cell mutagenicity Not classified based on available information.								
	Carcinogenicity Not classified based on available information.								
		onents: enzene:							
	Carcino ment	ogenicity - Assess-	: Not classifiable as	s a human	carcinogen.				
	IARC		Group 2B: Possibly	carcinogen	ic to humans				
			Ethylbenzene		100-41-4				
	OSHA		•		present at levels greater than or to fregulated carcinogens.				
	NTP		•		present at levels greater than or known or anticipated carcinogen				

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).

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

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Assessment: May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.

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

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

: UN 1950



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Prope	er shipping name	: Aerosols	
Packi Label EmS	diary risk ng group s	: 2.1 : 6.1 : Not assigned b : 2.1 (6.1) : F-D, S-U : no	y regulation
	sport in bulk accordin pplicable for product a	-	RPOL 73/78 and the IBC Code
Natio	nal Regulations		
49 CF UN/IE	FR D/NA number	: UN 1950	

Proper shipping name	: 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

Components	CAS-No.	Component RQ	Calculated product RQ
		(lbs)	(lbs)
Xylene	1330-20-7	100	496
Xylene	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, aerosols, liquids, or solids) Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Specific target organ toxicity (single or repeated exposure)		
SARA 313	The following components are subject to reporting levels es- tablished by SARA Title III, Section 313:		
	Methanol	67-56-1	>= 20 - < 30 %
	Ethylbenzene	100-41-4	>= 5 - < 10 %



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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.

SECTION 16. OTHER INFORMATION

Further 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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