

TABLE 1 (Continued)
Refrigerant Data and Safety Classifications

Refrigerant Number	Chemical Name ^{a, b}	Chemical Formula ^a	Molecular Mass ^a	Normal Boiling Point ^a		Safety Group
				(°C)	(°F)	
<i>Miscellaneous Organic Compounds</i>						
hydrocarbons						
600	butane	CH ₃ CH ₂ CH ₂ CH ₃	58.1	0	31	A3
600a	isobutane	CH(CH ₃) ₂ CH ₃ [*]	58.1	-12	11	A3
oxygen compounds						
610	ethyl ether	CH ₃ CH ₂ OCH ₂ CH ₃ [*]	74.1	35	94	
611	methyl formate	HCOOCH ₃	60.0	32	89	B2
sulfur compounds						
620	<i>(Reserved for future assignment)</i>					
<i>Nitrogen Compounds</i>						
630	methyl amine	CH ₃ NH ₂	31.1	-7	20	
631	ethyl amine	CH ₃ CH ₂ (NH ₂) [*]	45.1	17	62	
<i>Inorganic Compounds</i>						
702	hydrogen	H ₂	2.0	-253	-423	A3
704	helium	He	4.0	-269	-452	A1
717	ammonia	NH ₃	17.0	-33	-28	B2
718	water	H ₂ O	18.0	100	212	A1
720	neon	Ne	20.2	-246	-411	A1
728	nitrogen	N ₂	28.1	-196	-320	A1
732	oxygen	O ₂	32.0	-183	-297	
740	argon	Ar	39.9	-186	-303	A1
744	carbon dioxide	CO ₂	44.0	-78	-109	A1
744A	nitrous oxide	N ₂ O	44.0	-90	-129	
764	sulfur dioxide	SO ₂	64.1	-10	14	B1
<i>Unsaturated Organic Compounds</i>						
1150	ethene (ethylene)	CH ₂ =CH ₂	28.1	-104	-155	A3
1270	propene (propylene)	CH ₃ CH=CH ₂	42.1	-48	-54	A3

a. The chemical name, chemical formula, molecular mass, and normal boiling point are not part of this standard.

b. The preferred chemical name is followed by the popular name in parentheses.

^{*} Indicates that this formula has been edited for consistency with IUPAC conventions.

† This classification is provisional and will be reviewed when additional information is obtained through an application for revision submitted in accordance with Section 8.